FEDCO BULBS

2014

See color photos
and order online
fedcoseeds.com

Join us at our
Fall Bulb & Plant Sale
now on Saturday!
October 11, 2014, from 9am-3pm

In addition to surplus flowerbulbs
at discount prices,
we'll have a great assortment from local growers of
• trees • fruiting plants • woody shrubs.
• hard-to-find plants • potted plants
• plants not offered in Fedco Trees catalog
• plants that don't handle well as bare-root

At the Fedco Trees warehouse,
213 Hinckley Rd, Clinton, ME,
right next to I-95 exit 138.
Check our website after 9/15/14 for details.

SEED GARLIC
See pages 3-4

Welcome to the 30th Fedco Bulbs fall catalog. We continue to offer high quality flowerbulbs, hardy perennials and seed garlic at as affordable prices as we can.

This year look for tulips and narcissus in a rearranged format, with mixes consolidated for easier viewing. Our most exciting **NEW!** offering is probably the largest cultivated flowerbulb in the world, the Giant White Squill on p. 7. With some coming **BACK!** we again list five Maine-grown narcissus. Look for ✦¢✦ throughout the catalog for special prices.

We offer 6 varieties of garlic this year, more than 3500# of which are growing here in Maine.

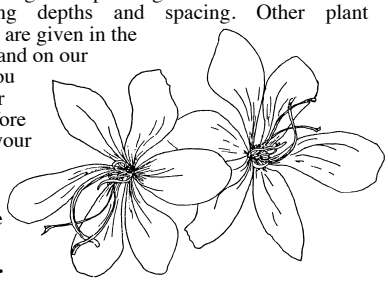
Our pickup day and Fall Bulb & Plant Sale have moved to Saturday, this year on 10/11/14.

Fedco Bulbs is a part of Fedco Seeds Inc, a consumer/worker cooperative. We put out two other catalogs per year: Fedco Trees, with small fruits and berries, ornamentals, perennials, fruit trees and shade trees; and Fedco Seeds, with garden seeds, seed potatoes, and farm and garden supplies. Let us know if you'd like a copy for yourself or a bundle for your group or co-op.

Write or email us with your suggestions, questions and comments. Your interest and support help keep us growing. On behalf of the Bulbs crew, thank you.

Kip Penney

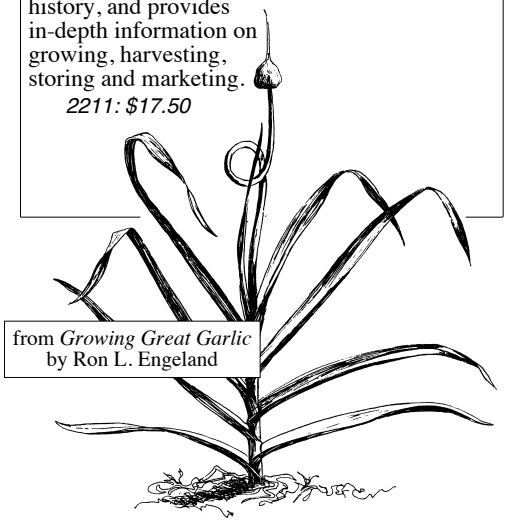
Please keep this catalog, as we send only one per year. On page 12 are general planting instructions and a chart with planting depths and spacing. Other plant requirements are given in the descriptions and on our website so you can plan your plantings before you receive your order.



See page 20 for complete ordering information.

***Growing Great Garlic:** The Definitive Guide for Organic Gardeners and Small Farmers* by Ron L. Engeland, 213 pages, 6x9, softcover. If garlic is one of your passions, you'll enjoy this book. From an expert who has grown and sold over 100 strains, Engeland's excellent guide to growing garlic has become a classic. Discusses varietal differences, touches on fascinating history, and provides in-depth information on growing, harvesting, storing and marketing.

2211: $17.50



from *Growing Great Garlic* by Ron L. Engeland

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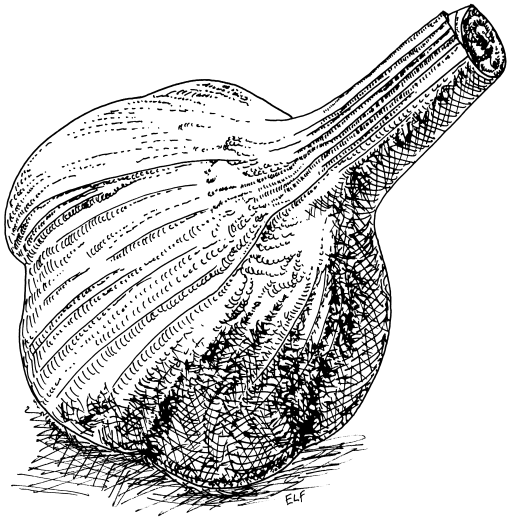
The Complete Book of Garlic: A Guide for Gardeners, Growers and Serious Cooks by Ted Jordan Meredith, 330 pages, 8¼ x 10¼, hardcover. Photos, photos, photos—to get you up close and personal with not only the botany but also the beauty—are part of what makes this book an invaluable resource for the garlic fan. Meredith describes nearly 150 cultivars. Read and learn about different types of garlic, or the difference between German Red and Russian Red—or consult the Quick Guides for the condensed basics.

Growing specs, storage conditions, culinary advice, nutritional benefits, history, taxonomy, chemistry, botany—it's all here, with research distilled into concise recommendations so you can weigh in on that age-old debate of when to harvest scapes, or culinary tenderness against bulb storage capability. A good winter's read that will have you salivating for new varieties or methods to try next year. ✦✿✦ **NEW!**

2221: $37.00



Since 2010 when we sold 2008 pounds of three varieties of garlic, garlic orders jumped to 4459 pounds in seven varieties last year.

Please realize this phenomenal growth in four years has caused everyone to make adjustments. We are working with garlic farmers in our region to ensure sustainable growth of this valuable and wonderful crop.

I won't go into last fall's scramble to find suitable substitutes to try to fill all the orders in what some called "horrible" or the "worst ever" garlic-growing year here in the Northeast.

During this same few years, we have seen the re-emergence of the garlic bloat nematode *Ditylenchus dipsaci* affect many northeastern US and Canadian garlic fields. Since 2012, all our growers test for this pest every year. Congratulations to Fedco's diligent growers who have successfully kept fields clear of this pest. For more information on GBN, check the garlic bloat nematode link at fedcoseeds.com/bulbs.htm.

Seed Garlic

Allium sativum subs. *ophioscorodon*

All the garlics this year are hardneck types, which are hardy for our cold New England winters. Hardnecks have greater depth of real garlic flavor than the softnecks typical of the grocery store. Though the stiff neck makes them unsuitable for braiding, they can be tied and hung in attractive bundles. Harvest scapes before they uncurl to stimulate bulb growth; add them to stir-fries, pickles, pesto or salads. Uncut, the scapes form topset bulbils which can be used for replanting or for cooking. Z3-8.

Porcelain-type Garlics

Produce 4-6 very large symmetrical cloves with tight white skins making excellent storage. Huge cloves are wonderful in the kitchen, but also mean fewer cloves per pound. Scapes form arches, curls and loose coils.

Georgian Fire - We are glad to have a local supply of this fiery garlic. Its pungent taste is loved by garlic aficionados and is truly excellent for heating up fresh salsas and sauces. Sizable bulbs with blushed inner skins store well. 20-30 cloves/lb. Eco-grown. **Maine Grown.**

2241: 3 bulbs for $14.00 *2242: 2# for $45.00*
2243: 5# for $95.00 *2244: 20# for $290.00*

German Extra-Hardy - Selected for size. Big bulbs typically yield four huge cloves; range is 3-5. Perfect for production pesto-making or avid garlic fans. White outer skin, red inner skins. Excellent storage. May be the same as German Stiffneck and/or German White. 20-30 cloves/lb.

German Extra-Hardy MOFGA-certified organic. **Maine Grown.**

2251: 3 bulbs for $13.50 *2252: 2# for $43.00*
2253: 5# for $90.00 *2254: 20# for $275.00*

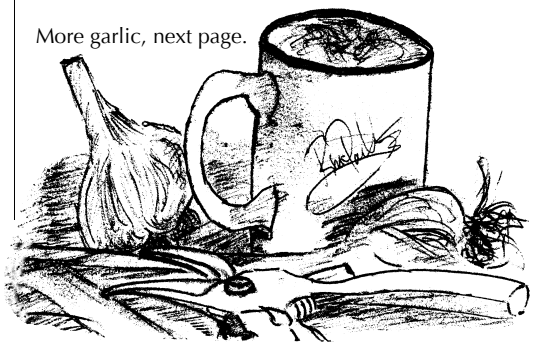
German Extra-Hardy Eco-grown. **Maine Grown.**

2261: 3 bulbs for $13.00 *2262: 2# for $42.00*
2263: 5# for $85.00

Music - **Organic** - Similar to German Extra-Hardy, with large succulent cloves. Most of our supply comes from Wellspring Farm in central New York state, certified organic since 1991, and founding members of the Garlic Seed Foundation. 20-30 cloves/lb. NOFA-certified organic.

2271: 3 bulbs for $14.00 *2272: 2# for $45.00*
2273: 5# for $95.00 *2274: 20# for $290.00*

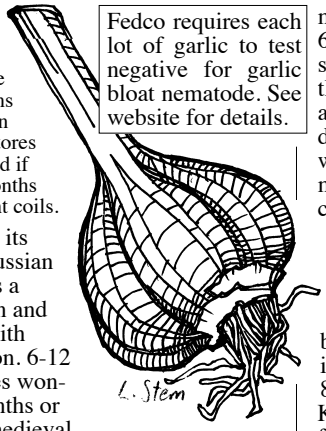
More garlic, next page.



Rocambole-type Garlics

Produce 6-12 large cloves with tan, brown or reddish skins which are very easily peeled. Slightly shorter shelf life may be due to clove skins being slightly looser than Porcelains. Generally, stores easily until February, and if cured well, can store months longer. Scapes form tight coils.

Fedco requires each lot of garlic to test negative for garlic bloat nematode. See website for details.



German Red - Like its rocambole relative Russian Red, German Red has a reddish burgundy skin and light brown cloves, with double cloves common. 6-12 cloves per bulb. Stores wonderfully up to six months or longer. Said to be a medieval strain of garlic brought to North America in the 1700s. 40-70 cloves/lb. Eco-grown. **Maine Grown.**

2281: 3 bulbs for $13.50 2282: 2# for $42.00
2283: 5# for $90.00 2284: 20# for $275.00

Phillips - Molly Thorkildsen and Will Bonsall obtained this vigorous Rocambole from Raymond Rowe of Phillips, ME. Each bulb contains 6-12 large cloves with a milder flavor than Russian Red. The tan exterior skins and purple mottled clove coverings are substantial, making this an excellent keeper. Slow to emerge in spring, so don't be alarmed when these take an extra two weeks to appear. They catch up quickly and mature at the same time as other varieties. 55-65 cloves/lb. Eco-grown. **Maine Grown.**

2291: 3 bulbs for $14.00 2292: 2# for $45.00
2293: 5# for $95.00 2294: 20# for $290.00

Russian Red - **Organic** - Named for its mottled burgundy skin, said to have been brought to the Pacific Northwest by Russian immigrants in the early 1900s. Forms a ring of 5-8 large plump cloves around a central stalk. Keeps well for over six months. "Delicious garlic flavor with no bitter aftertaste," says RR grower and aficionado M. Coffin. 50-60 cloves/lb. MOFGA-certified organic. **Maine Grown.**

2301: 3 bulbs for $13.50 2302: 2# for $42.00
2303: 5# for $90.00 2304: 20# for $275.00

Mesh Garlic Bags - Red poly mesh with a fold-over stitch-sealed "Fresh Produce" label on one end of a 24" long bag. Fill from other end—will stretch to 8" diameter—then tie off. Write on the label or put a sticker on it. Holds up to 10 pounds of garlic or onions in an air-flow–friendly bag for curing or storing, or a convenient packaging for markets. **NEW!**

2231: 5 for $2.00 2232: 25 for $8.00 2233: 50 for $14.00 2234: 250 for $55.00

Basics of Growing Garlic: feed 'em, weed 'em, give 'em space

Prepare a well-groomed seedbed of rich compost or composted manure. Break the bulb into individual cloves.

Plant cloves 5-6" deep and 4-8" apart, mid to late October, early to mid November, ideally four weeks before the ground freezes. (Timing for central Maine, Zone 4.) More food and more space generally gives larger bulbs.

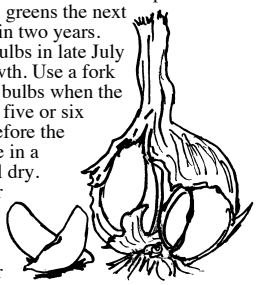
Mulch with 4-6" of hay, leaves or straw.

❄❄❄❄❄❄❄❄❄❄❄❄❄❄❄❄❄

In spring, move the mulch away from the emerging tips to free up any spears struggling to get through, then replace it close in, to help keep weeds down and moisture levels even.

Top dress or foliar feed, and provide adequate and even moisture while growing, to encourage larger bulbs to form.

Cut off the "flower" stalks, known as scapes, as they curl around; eat them, compost them, or dry them for winter arrangements. If you leave the scapes on, the underground bulbs may be smaller, but you can harvest the top-set bulbils to eat or plant in fall for fresh greens the next spring or new full-size bulbs in two years.

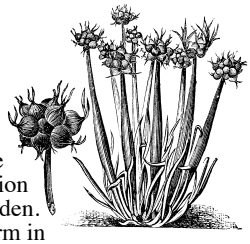


Poke around a few garlic bulbs in late July or early August to check growth. Use a fork to loosen the soil, and lift the bulbs when the bottom leaves are yellow and five or six upper green leaves remain, before the cloves begin to separate. Cure in a 60-70° shaded airy place until dry. You may need a dehumidifier in a very wet season. Do not field-cure in New England, as it is often too cool and/or too wet; if you're in Gilroy or central Asia, it's fine.

Trim, clean, store in a cool dry place, then enjoy.

Blue-Ribbon Garlic Growing Tips are available online at www.fedcoseeds.com/bulbs/garlic.htm

Walking Onions - Organic



Allium x *proliferum*
Also called **Tree Onions** or **Top-setting Onions**, with a number of harvest options, these make an excellent addition to any permaculture garden. Edible topset bulbils form in place of flowers; individual bulbils range 3/16-1/2" in diameter and form a clump 2-2 1/2" across.

In spring, harvest bulbs with greens to use as scallions. In summer, snip off bulbils or dig bulbs (3/8-1" across) to use like onions, shallots or garlic. The bulbils do their own planting if you leave them on the plant until their weight bends the stalk to the ground, "walking" to the next planting spot. Or save topsets in a cool, dark and airy place until next planting time, which can be either just before the ground freezes or the following spring.

Plant bulbils 1-2" deep, 4-6" apart in rows 10-12" apart in well-prepared soil. Depending on your harvest style, by the second summer after initial planting, they can become perennial and self sowing. Approximately 5 large bulbils per ounce, 70-90 bulbils per pound. Z3-8. 18-24". Iowa DALS certified organic.

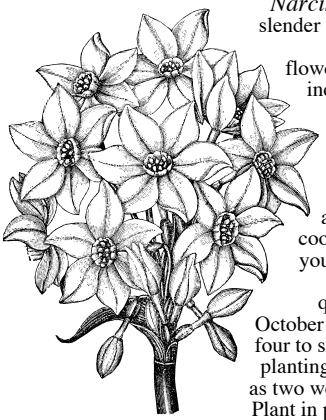
2311: 5 for $4.40 2312: 10 for $7.90
2313: 25 for $18.75 2314: 100 for $66.00

Indoor Bulbs

lift our spirits during long northern winters. More satisfying than cut flowers because we get to watch as the foliage grows. Enjoy the anticipation as the flower buds form, swell and finally burst open.

Many people stagger their indoor plantings to prolong the season. If you don't plant the bulbs right away, keep them dry and store in a cool dark place.

Paperwhites or Indoor Narcissus



- *Narcissus tazetta* - Tall slender stems bear fragrant masses of delicate flowers. Must be grown indoors in Zones 1-6. 'Ziva' is ready to grow, requiring no cold period; all the others will bloom more reliably if allowed to start in a cool place. The longer you store bulbs before planting, the more quickly they bloom. October plantings bloom in four to six weeks; February plantings may take as little as two weeks.

Plant in pebbles or marbles, keeping bulbs above the waterline, or plant in soil for longer-lasting flowers. Group 5-8 bulbs in a container 6" in diameter for a full appearance. Allow to root in a cool (45-60°) dry dark place, for about 3 weeks, checking water level often. Some plantings may need staking to support heavy flower heads.

'Chinese Sacred Lily' - *N. t.* var. *orientalis* - White petals with a golden yellow cup. Takes longer to root than other varieties and has fewer flowers, but its enchanting sweet fragrance is worth it. Said to be good luck to have them blooming on the first day of the Chinese lunar new year. 16-20", 15-16cm.

2321: 5 for $6.10
2322: 10 for $10.25
2323: 25 for $24.50
2324: 100 for $79.00

'Constantinople' - Highly doubled form of 'Chinese Sacred Lily', with clusters of creamy white petals and very ruffled golden to orange cups. In 1730, Robert Furber listed 'Double Narcissus of Constantinople' in his *Twelve Months of Flowers*. Fragrant. 12-14", 16-17 cm.

2331: 5 for $6.25 *2332: 10 for $10.50*
2333: 25 for $25.00 *2334: 100 for $78.00*

'Grand Soleil d'Or' - French heirloom "Big Sun of Gold" has medium golden-yellow petals and an orange cup. Light fruity scent. Takes a couple of weeks longer than 'Ziva' to bloom, about 4-6 weeks. 12-14", 15-16cm.

2341: 5 for $5.00 *2342: 10 for $8.50*
2343: 25 for $19.50 *2344: 100 for $68.00*

'Nir' - All-white blooms have slightly larger florets than 'Ziva', with a more moderate fragrance. 'Nir' also has more stems per bulb than other types. 14-16". Jumbo 19cm/up bulbs. ✦¢✦

2351: 5 for $7.00 *2352: 10 for $12.00*
2353: 25 for $28.00 *2354: 100 for $88.00*

'Ziva' - Early paperwhite, one of the fastest to force (about 2-3 weeks, once planted) and the most floriferous. White flowers with strong musky spicy fragrance. Bulbs will not hold until late winter. 16-18".

Jumbo **'Ziva'** 17-19cm. **NEW!**

2361: 5 for $6.10 *2362: 10 for $10.25*
2363: 25 for $24.50 *2364: 100 for $79.00*

Topsize **'Ziva'** 16-17cm.

2371: 5 for $5.50 *2372: 10 for $9.00*
2373: 25 for $20.50 *2374: 100 for $70.00*

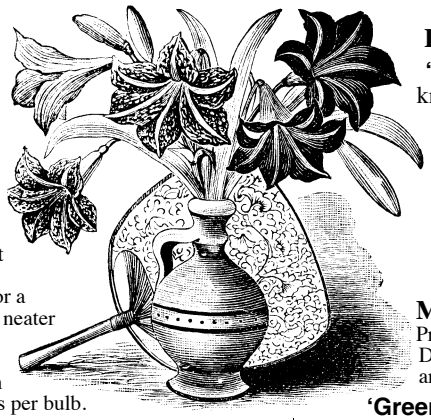
Paperwhite Planter Kit - Includes three 'Ziva' paperwhites, enough "professional growing medium" to plant the 14-15cm bulbs, and a handsome 3x3x10" brushed copper oval planter with handles (the same as the Saffron Crocus Kit on page 8). Spill-proof packaging for shipping. Excellent for holiday gift-giving.

2381: 1 for $10.00 *2382: 2 for $19.00*
2383: 5 for $45.00

To order online, go to **fedcoseeds.com** and click on Fedco Bulbs.

Amaryllis -

Hippeastrum - grow outdoors in Zones 9-10 and originate from Central and South America. In colder climes we plant these magnificent easy-to-grow hybrid beauties indoors and enjoy blooms throughout the winter. Remove the pollen-bearing anthers for a longer bloom time and a neater tabletop. With simple care and proper soil nutrients, they can return year after year. 2-3 stalks per bulb.



JUMBO AMARYLLIS - Jumbo bulbs produce 2 or more stalks bearing 3-4 large graceful 6-8" blooms per stalk.

'Apple Blossom' - A classically graceful pastel beauty. White lightly brushed with streaks of pink. 18-20". 30-32cm.

2391: 1 for $12.25 2392: 2 for $22.50
2393: 3 for $32.00 2394: 6 for $59.00

'Red Lion' - Big, bold and bright. The classic red amaryllis. 20-22". 30-32cm bulbs from Peru. Harvested earlier than the Dutch-grown bulbs, and will tend to bloom earlier as well.

2401: 1 for $9.00 2402: 2 for $17.00
2403: 3 for $23.50 2404: 6 for $40.00

'Royal Velvet' - Richly saturated deep red flower touched with maroon entices you to peer into its velvety near-black center. 20-25". 26-28cm.

2411: 1 for $12.25 2412: 2 for $22.50
2413: 3 for $32.00 2414: 6 for $59.00

DOUBLE AMARYLLIS 26-28cm.

'Red Nymph' - A deep red specimen known for its opulent, bounteous, plentitudinous pizzazz, with double and even triple petals. 16-20" stalks with flowers nearly 10" across! 24-26cm.

2421: 1 for $12.00
2422: 2 for $22.00
2423: 3 for $32.00
2424: 6 for $58.00

MINIATURE AMARYLLIS - Produce 2-3 stems nearly as tall as the Dutch Jumbos, but the 3-4 flowers per stem are more delicate at 3-4" across.

'Green Goddess' - Gleaming white petals with lime green centers bordered olive to yellow, especially along mid-rib. Up to 12 flowers per bulb. 16-24". 26-28cm.

2431: 1 for $12.00 2432: 2 for $22.00
2433: 3 for $32.00 2434: 6 for $57.00

'La Paz' - Graceful and ethereal, the slender petals of this spider-type range from a streaked and spotted rose-red on upper petals to pale green on lower petals with cherry-red centers and long luminous anthers. Parentage includes Bolivian *H. cybister*. 18-22". 22cm/up.

2441: 1 for $12.00 2442: 2 for $22.00
2443: 3 for $32.00 2444: 6 for $58.00

Plant Amaryllis between October and May for flowering between December and June

If you do not plant your bulb immediately, store it in a dry dark cool area (45-50˚F.)

Before planting, place the bulb and its dangling roots in lukewarm water for several hours. Plant in a pot slightly larger than the diameter of the bulb. Rocks added to the bottom of the pot will decrease tippiness and improve drainage. Cover the bulb to the neck with nutritious potting soil or compost. Press the soil firmly around the bulb. Don't overfill the pot; leave enough room for watering.

In the first few weeks, water sparingly. After the leaves and bud develop, water more frequently. Direct sunlight and warm temperatures encourage proper growth. Lower light and temperature results in taller stems, whereas greater light and temperature promotes shorter stems. Amaryllis generally bloom 6 to 8 weeks after planting; the flowers last nearly 2 weeks.

Cut the stem close to the bulb after the flower fades. The long strap-like leaves will continue to grow, and will need regular feeding to maintain bulb size and strength. Once the weather warms up, the plant can be moved outdoors. In mid to late summer, stop watering and let the leaves die back (or let the first light frost kill them off). Before the first hard frost, bring potted plants back inside and place in a cool dry dark place for 8 to 12 weeks to simulate dormancy.

Bring the bulb back to room temperature, resume watering, and its flowering cycle will begin again.

Discounts on orders received by August 15, 2014: **take 5% off at $100,** 10% off at $300, 12% off at $600, 15% off at $1000.

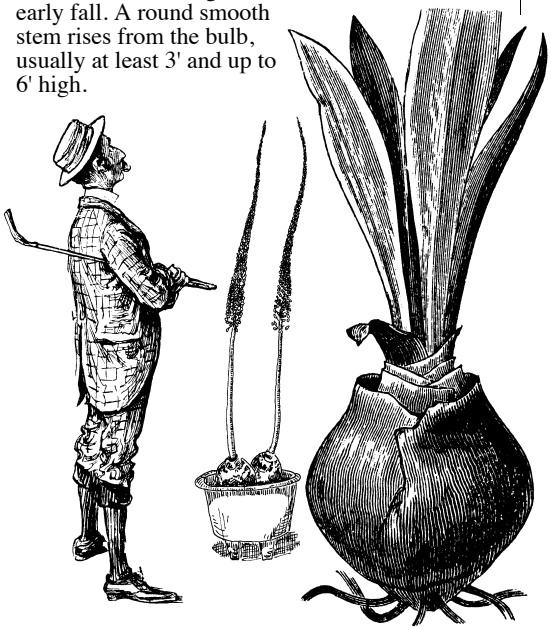
Giant White Squill - *Drimia maritima*

We are excited to offer a totally new kind of flowerbulb for indoor, hothouse or container growing.

Massive bulbs, 5½-6½" across and weighing up to 10 pounds, put out greens over the winter, then go dormant before sending up a tall spike of flowers in late summer. The 4-5' raceme with hundreds of florets is stunning on the plant and architectural in a vase.

The long leaves emerge in late fall or early winter. About 3-4" wide and up to 3' long, they resemble oversized tulip leaves and provide a large bush of greenery in the hothouse or warm sunny window until spring. At some point in May or June, they will yellow and die back, then the bulb goes dormant.

The real show begins sometime late summer or early fall. A round smooth stem rises from the bulb, usually at least 3' and up to 6' high.



Starting about a quarter of the way up, it is covered with hundreds of buds which open sequentially from the bottom up. The top of the stalk curls around, artistically twisting with the weight of the small odorless white starry florets.

Because Giant White Squill is native to dry sandy places around the Mediterranean seacoast, and hardy outdoors only in Zones 8-10, it must be grown indoors in our cool wet climate, in conditions that mimic its native habitat. Shallowly plant the bulb in a large 5- to 10-gallon container in well-drained sandy soil, then water just enough to tamp down the soil around the bulb, and place the container in full sun. While the leaves are growing, water infrequently; during dormancy, do not water.

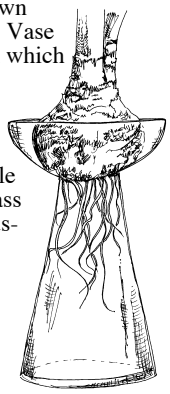
While this giant is new to Fedco Bulbs, it's not a new plant—mentioned in an Egyptian papyrus over 3500 years ago, possibly the Sea Onion referred to by Homer, the basis of a cough remedy invented by Pythagoras, also used as a rodenticide. It's also been through a number of names including *Scilla maritima, Urginea maritima* and *Urginea scilla*, Maritime Squill, Sea Squill, and White Squill.

Now that a grower in California is producing them, and the florist industry is no longer hogging them all, Giant White Squill bulbs are available to those not faint of pocketbook. Fascinating for plant connoisseurs who want something extraordinarily different that puts on a wonderful multi-season show. 45-55cm. **NEW!**

2471: 1 for $28.00
2472: 2 for $53.00

Amaryllis Vases

Angel Vase - Crystal clear blown glass in modified "angel" shape. Vase is 7" tall, with a 5" wide bowl in which to set the amaryllis bulb. A 2½" diameter "waist" keeps the bulb in place; the vase gently flares back out to a 5" diameter base. Plenty of room for roots to dangle into the water and decorative glass or rocks for bottom weights. Illustrated here, and pictured on our website. **NEW!**



2451: 1 for $9.00
2452: 2 for $15.00
2453: 3 for $20.00
2454: 6 for $37.00

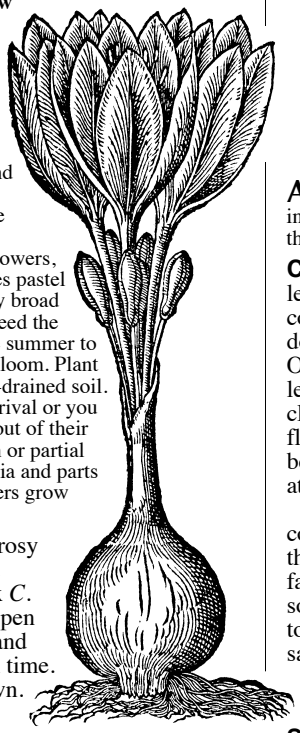
Cylinder Vase - Clear cylindrical glass vase, 5" diameter and 6" tall, will hold the largest amaryllis or 3 topsize paperwhites. Fill the bottom inch or two with soil or decorative stones or glass to create root space. Low center of gravity helps prevent tipping. Hand-blown in Mexico. Illustrated here, and pictured on our website.

2461: 1 for $7.35 *2462: 2 for $12.25*
2463: 3 for $16.50 *2464: 6 for $30.00*

Early Shipment of Fall-blooming Corms

Only these "E" items on pp. 8-11 are available for early shipment, after Labor Day. **Final order date for these items is Friday, August 15.**

Colchicum - Colloquially called **Fall Crocus** and in some locales **Meadow Saffron** (but don't taste it, it's toxic. Real saffron offered at right). Flowerstalks emerge in September, long after the leaves have died back, giving rise to the terms Naked Boys (in the U.S.) and Naked Girls (in Britain). In early fall, the large bulb-like corms send up cup- or goblet-shaped crocus-like flowers, up to five per stem, in shades pastel to vibrant. Handsome glossy broad leaves emerge in spring to feed the corms, then die back by late summer to make way for fall's naked bloom. Plant base 5" deep in fertile, well-drained soil. And do it *soon* after their arrival or you may find flowers climbing out of their bags. Grows well in full sun or partial shade. Native to western Asia and parts of the Mediterranean. Flowers grow 4-8", greens 8-12". Z4-9.

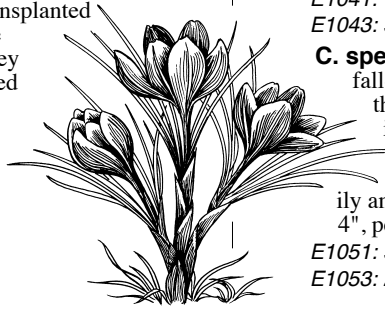


'The Giant' - Violet to rosy pink with a white base, a hybrid of *C. giganteum* x *C. bornmuelleri*. 3" petals open nearly flat in bright sun and can form a cheery mat in time. 6-8", 20cm/up. Eco-grown. **Maine Grown.**

E1011: 1 for $6.25
E1012: 3 for $16.75
E1013: 6 for $31.50 E1014: 12 for $57.00

'Waterlily' - *C. speciosum* hybrid - Pink to mauve many-petalled fully doubled flowers in early fall really do look like waterlilies sprouting from the ground. May take a year to establish before flowering. We had some surplus bulbs in 2009 that bloomed in the boxes, pale and wan. I carefully transplanted them with the flowers above ground in early October. They colored up, and have bloomed beautifully each year since. 5-6", 14cm/up.

E1021: 1 for $6.10
E1022: 3 for $16.00
E1023: 6 for $29.00
E1024: 12 for $55.00



Saffron Crocus Kit

Autumn-flowering Crocus - Plant these in a sunny well-drained somewhat protected spot where they will be visible.

C. sativus - **Saffron Crocus** - Valued for millennia for its three extra-long orange-red stigmas collected for dye, medicine and seasoning. The domesticated sterile flower opens broadly in the October sun. Petals range from light lilac to violet with darker veins. Blooms accompanied by classic crocus leaves. While it takes about 68,000 flowers to make a pound of saffron, you can begin your home supply, harvesting the stigmas at just the right moment.

Lightly forking the bed in the summer when corms are dormant will help separate and spread the bulblets in the bed. May not bloom the first fall. Prefers friable well-watered, well-drained soil with high organic matter in full sun. Native to southwest Asia. Some say Zone 6, but others say Z5-9 with good drainage, 3-4". 9cm/up.

E1031: 5 for $3.00 E1032: 10 for $5.00
E1033: 25 for $11.50 E1034: 100 for $38.00

Saffron Crocus Planter Kit - Five fall-blooming saffron crocus bulbs (9-10cm) and a 3"-tall brushed copper 10x3" oval planter with handles. Also includes enough "professional growing medium" for planting, in a spill-proof package for shipping. Suitable for display indoors or out. Some for yourself, some to plant and give as gifts. Illustrated above, and pictured on our website.

E1041: 1 for $12.00 E1042: 2 for $22.00
E1043: 5 for $48.00

C. speciosus - Violet blue, earliest of the fall-flowering crocus to bloom, so plant them promptly. Wild fringey stamens inside veined flowers on long stems. Plant closely for support, or among ground covers. Spreads easily and rapidly. Leafs out in spring. Z4-9, 4", perhaps taller in later years. 6cm/up.

E1051: 5 for $3.25 E1052: 10 for $5.50
E1053: 25 for $12.50 E1054: 100 for $42.00

Early Shipment of Perennials

Daylilies - *Hemerocallis* - Low-maintenance perennials which produce a clump of narrow arched leaves topped with lily-shaped flowers from July to September. A single daylily flower has three petals and three sepals, all six together called tepals, each with a midrib in the same or in a contrasting color. The genus name *Hemerocallis* means beautiful day, referring to each flower lasting only a day; but since each flower scape is covered with buds, bloom periods can be extensive.

Plant 12-18" apart in average soil; benefits from a shovel or two of compost. Very hardy, flourishes under a wide range of conditions, from full sun to shade, wet to dry. To aid rebloomers, remove spent flowers before they form seed capsules. U.S.-grown 2-3 fan divisions.

'Franz Hals' - Smart-looking two-tone dusky orange-red inner three petals with medium yellow mid-rib. In contrast, three outer petals are all yellow. Pale green deep in throat. 34-36". E-MSu. **NEW!** ✦¢✦

E1061: 1 for $3.50 E1062: 3 for $9.00
E1063: 6 for $16.20 E1064: 12 for $29.00

'Pandora's Box' - Well-known 4" fragrant flower has ivory-cream petals with a purple-maroon eye ring and a gold-yellow throat. Z3-8, 28", E-MSu.

E1071: 1 for $5.00 E1072: 3 for $13.00
E1073: 6 for $23.00 E1074: 12 for $41.00

'Purple de Oro' - Lavender-purple tepals with darker purple veins, lighter mid ribs, yellow-gold throat. Broad, slightly reflexed and ruffle-edged 3" petals. The 18-24" flower stalks, continuous blooming tendencies, and compact habit make this Stella family member excellent for containers as well as the garden. Yellow throat, and light green deep in eye. E-MSu.

E1081: 1 for $5.75
E1082: 3 for $14.50
E1083: 6 for $25.50
E1084: 12 for $46.00

'Ruby Stella' - Scarlet flowers with deep wine-red markings, a striking yellow-bordered greenish throat, and red anthers for highlights. Blooms from early summer until first frost. Foliage from 14-18" tall and flower scapes up to 22". This easy bloomer performs best in full sun, tolerates drought and does not require deadheading, pruning or pinching. Z4-11, E-LSu.

E1091: 1 for $5.75
E1092: 3 for $14.50
E1093: 6 for $25.50
E1094: 12 for $47.00

See color photos and order online
fedcoseeds.com/bulbs.htm

'Serene Madonna' - Broad, slightly reflexed creamy white 6" tepals, edges lightly fluted, with lemony yellow to pale green throat. Fragrant repeat bloomer. 26". E-MSu. ✦¢✦

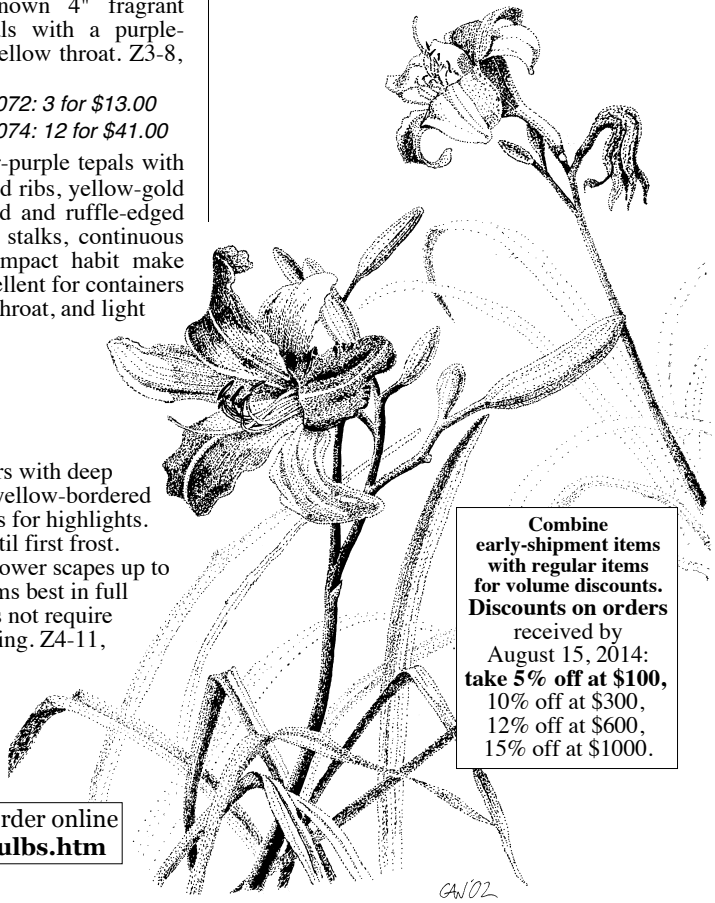
E1101: 1 for $4.75 E1102: 3 for $12.50
E1103: 6 for $22.00 E1104: 12 for $38.00

'Stella Supreme' - Soft lemon tepals, mildly reflexed, with a citrus scent. Like its parent 'Stella de Oro', 'Stella Supreme' blooms early and lasts even longer, often until the first frost. Foliage reaches 14" and flower scapes reach 20". Performs best in full sun, is drought tolerant and does not require deadheading, pruning or pinching. Z4-11, E-LSu.

E1111: 1 for $5.75 E1112: 3 for $14.50
E1113: 6 for $25.50 E1114: 12 for $47.00

'Strawberry Candy' - Deliciously pale pink 4-5" tepals surround a broad rose-red eye-ring and a yellow-green throat. Often has picotee edge of matching rose. Winner of the 1998 Stout Medal, the highest award from AHS. Repeat bloomer. Z3-8, 26", E-MSu.

E1121: 1 for $5.00 E1122: 3 for $13.00
E1123: 6 for $23.00 E1124: 12 for $41.00



Combine early-shipment items with regular items for volume discounts.
Discounts on orders received by August 15, 2014: **take 5% off at $100,** 10% off at $300, 12% off at $600, 15% off at $1000.

Bearded Iris - *Iris* x *germanica* - A hardy perennial and fine cutflower, with multiple 3-6" blooms on each flower stalk. Strong sword-shaped foliage. Beards are soft hairs protruding up from the crest of each fall, often in contrasting colors. Awards listed are given by the American Iris Society. See page 17 for listings of bulbous, Japanese and Siberian iris and an explanation of floral structures.

Blooming begins in the first real heat of late May or early June. Those listed as rebloomers may have a second blooming period later in the season depending on climate and cultivation practices.

Plant rhizomes horizontally, less than 1" deep, in clusters with new growth facing outward. Vigorous plants, so give them room to spread. They appreciate full sun and dry, light, limed soil and require good drainage. May take a year to establish before blooming. Clumps need dividing every 4-5 years. Z4-8, LS. #1 fieldgrown rhizomes.

'Batik' - Standards and falls purple with finely etched streaks of white throughout and a shimmering gold and silver beard. 24-26". 1992 Knowlton Award winner.

E1131: 1 for $5.25
E1132: 3 for $13.75
E1133: 6 for $24.50
E1134: 12 for $44.00

'Best Bet' - Purplish-blue lightly ruffled falls, dappled white around the beard, which can be gold in the throat and bluish-purple further out. Standards a shimmering marble white to very pale wisteria blue. Stunning color, and a rebloomer in long-season locations. 34-36".

E1141: 1 for $5.00 E1142: 3 for $13.00
E1143: 6 for $23.00 E1144: 12 for $42.00

'Beverly Sills' - Pale laced coral pink with tangerine beards, ruffled and flaring. This award-winning reblooming iris is our best seller. Fast growing and heavy blooming. 1983 Award of Merit, 1985 American Dykes Medal. 30-35".

E1151: 1 for $5.00 E1152: 3 for $13.00
E1153: 6 for $23.00 E1154: 12 for $41.00

'Bewilderbeast' - Streaked all over in silver-white, this beast-cum-beauty displays light violet-mauve standards, with widely flared dark purple-mauve falls. Sunshine-gold shoulders with mauve veining and a brilliant honey-gold beard. Incredible color melange, light ruffling, and light fragrance. You did not buy many last year. Too wild and bewildering a beast for you? You've got one more chance on the mid-season bloomer, a 1999 Award of Merit winner. 30-36".

E1161: 1 for $7.75 E1162: 3 for $21.00
E1163: 6 for $38.00 E1164: 12 for $66.00

'Immortality' - Pure white standards and falls; a pale yellow blush peeks out of shadow areas. Fragrant rebloomer with frothy white beard stands tall, and makes a smart contrast with its foliage and the purple-blue of lupines. 28-29".

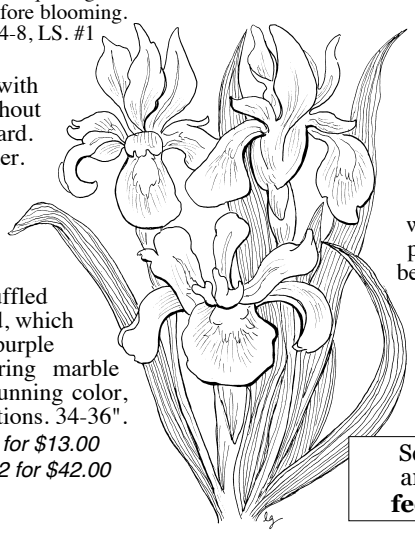
E1171: 1 for $5.25 E1172: 3 for $13.75
E1173: 6 for $24.50 E1174: 12 for $44.00

'Orange Harvest' - Rebloomer with bright sunny orange standards and deep orange-red falls sporting a yellow-gold beard. Large substantial flowers really shine. Slight fragrance. 30-36". ✦✿✦

E1181: 1 for $5.00 E1182: 3 for $13.00
E1183: 6 for $23.00 E1184: 12 for $41.00

'Pagan Dance' - Standards and edges of falls in lovely shades of purple—exactly what shade depends on the light you're in. Centers of falls are darker purple, almost black, with a contrasting orange beard surrounded by striking white blaze marks. Tall rebloomer at 30". **NEW!**

E1191: 1 for $5.25
E1192: 3 for $13.75
E1193: 6 for $24.50
E1194: 12 for $44.00



Bearded Iris Mix - A variety of colors at a variety of bloom times. Purples, blues, yellows, whites, pinks and more—plant a bunch and there'll be something to admire all iris season. 25-36".

E1201: 3 for $12.75
E1202: 6 for $25.00
E1203: 12 for $45.00
E1204: 24 for $80.00

See color photos
and order online
fedcoseeds.com

Peonies - *Paeonia lactiflora* - Reliable, long-lived hardy herbaceous perennials. Maroonish-red to forest green shoots appear in mid-spring, and form a bushy clump, about 3x3', of lustrous dark green deeply lobed foliage. Fat spherical buds on sturdy stems above the foliage gradually open into large beautiful flowers from late spring to early summer. Huge flowers are stunning on the bush and wonderful when cut. Ants on peony buds are normal, so leave them alone; if you're trying to bring cuts indoors, dunk them in a bucket of water to wash off the ants. Commonly called Chinese peony; native from Tibet to Siberia.

Plant 2-3' apart with eyes no more than 1-1 1/2" below the surface in well-drained soil, full sun to partial shade. May take 3-5 years to establish before blooming, and resents being disturbed. U.S.-grown roots with 2/3 eyes. Z3-8, LS-ESu.

'Benjamin Franklin' - Like its namesake, this peony is a very hardy late bloomer. A substantial double, deep red with slight lavender tinge, this 1907 cultivar had been hidden in the archives for decades and has begun to be appreciated again for its prolific blooms and tantalizing fragrance. 20-24".

E1211: 1 for $7.50 E1212: 2 for $12.60
E1213: 3 for $17.00 E1214: 6 for $31.00

'Bowl of Beauty' - Sublime bicolor with pastel rose-red petals inside and soft pink outside contrasting with a large frilly creamy yellow staminode center. Beautiful "Japanese" or "anemone" flowers are up to 8" wide. 24-30".

E1221: 1 for $8.25 E1222: 2 for $15.50
E1223: 3 for $22.00 E1224: 6 for $38.00

'Coral Charm' - Coral is apropos for this indefinable melange of apricot, melon, pink, peach, yellow and even orange. This semi-double Japanese-type flower, 6" across, tends to stay cupped until late in its lengthy bloom-time. Then, fading a bit toward yellow, its petals relax to display their striking yellow-gold centers. 24-28".

E1231: 1 for $8.25 E1232: 2 for $15.50
E1233: 3 for $22.00 E1234: 6 for $38.00

'Duchesse de Nemours' - Syn. '**Mrs. Gwyn Lewis**'. Early for a peony, the Duchesse produces fully double 5-7" flowers with spreading outer petals completely mounded over with lush white fragrant ruffled inner petals. Center petals are lit from within by their luminous yellow base. A notably sturdy and vigorous cultivar. 28-32".

E1241: 1 for $8.00 E1242: 2 for $14.50
E1243: 3 for $20.50 E1244: 6 for $37.00

'Sarah Bernhardt' - Fragrant flowers open light rose-pink. Matures to a more delicate pink with a slight creamy-silvery edge. Fully double flowers, 6-8" across, appear richly full but not crammed, late in the peony season. 32-36".

E1251: 1 for $5.75 E1252: 2 for $10.00
E1253: 3 for $17.00 E1254: 6 for $27.50

***Paeonia officinalis* 'Rubra Plena'** - Intense crimson red 4-5" fully double flowers appear *early*. Sometimes called **Memorial Day Peony**. Sturdy stems support the satiny ruffled petals. Compact habit makes it suitable for containers. This is a European species, and its gray-green oval leaves look different from the typical Chinese peony. In gardens since the 16th century. 34-36".

E1261: 1 for $7.25
E1262: 2 for $12.00
E1263: 3 for $16.20
E1264: 6 for $29.00

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Planting Outdoors

All the varieties of outdoor bulbs we offer are adapted to Maine's climate. With the climate changing, Waterville has been re-designated from USDA Zone 4 to Zone 5. Fifty miles to the west in the mountains is still Zone 3 however; and fifty miles east or south, on the coast, is now Zone 6. Local cold pockets, northern slopes, hills and lakes can all affect your micro-climate, and may make the large-scale maps printed by the USDA inaccurate for your plot. Your cooperative extension service may have maps showing local zones. You can use rock walls and heavy mulch to shift conditions to your advantage.

Planning and Planting

Bulbs are easy to work with, very rewarding and forgiving. They look best planted in groups or clumps, naturalized in the sod, under trees, or in beds, borders or rock garden. Good drainage is essential; bulbs will grow poorly or rot if they are too wet.

Prepare beds by mixing a bulb fertilizer, bonemeal and wood ashes, or other phosphorus and potassium sources into the soil below the level of the bulbs. Mix in compost to lighten heavy soils and increase nutrients. Peat is acidic—use with caution. Although widely available, Holland Bulb Booster contains ingredients which are not approved for organic growers.

Plant bulbs pointed side up; generally the depth of the hole is three times the bulb's height. See the chart on this page showing suggested planting depth and spacing. Topdress the bed with compost.

Mulch your bulbs with 4-6" of leaves, bark, straw, etc. after the ground freezes, especially if you plant them next to your house. Otherwise, basement heat and reflected sunlight will remove the insulating snow cover, exposing them to alternating sunny days and freezing nights and damaging their growth tips. Wherever they're planted, bulbs need insulation. You need to mulch unless you can depend on winter to provide a consistent snow cover heavy enough to last through a January thaw. A good mulch can also give protection up to half a hardiness zone, enabling you to experiment with bulbs not quite hardy in your zone.

Do not remove the mulch too early in the spring. By keeping the soil from thawing, mulch prevents heaving and false starts in early warm spells and delays flowering slightly for a more uniform and longer-lasting display. Remove mulch as the bulbs begin to peek through in the spring and dress the bed with compost.

Pinch the blooms as they fade to discourage seed production and force the energy back into the bulb. This is especially important for tulips and hyacinths, which can otherwise lose their flowering vigor in 2-3 years.

Do not cut the foliage as long as it remains green; it produces the food for future blooms. Cut leaves only after they yellow. Sidedress with fertilizer or compost in late summer to mid-fall.

Troubleshooting

If squirrels, chipmunks or voles are a problem, try chicken wire or sharp gravel placed in the ground surrounding the bulbs. (Blood meal repels many critters, but it may also repel people and attract dogs.) Or plant Narcissus, Allium, Fritillaria or Ipheion, which critters don't generally bother.

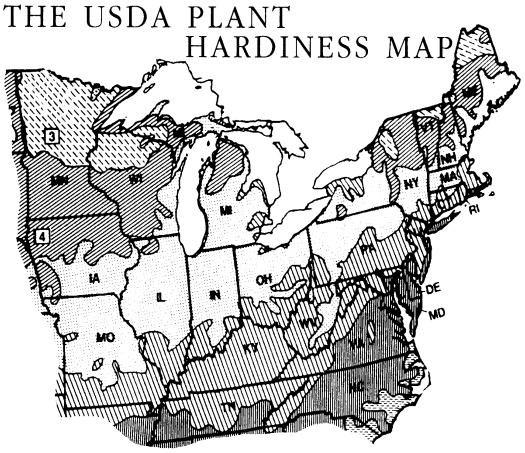
To disrupt squirrels' ability to "smell out" the bulbs in new plantings, we routinely dust those areas with black pepper and ground cloves in the fall right after planting and again in the spring when growth first emerges. The odor in the yard, reminiscent of chai, is a nice touch.

TYPE	SPACING	DEPTH
ALLIUM, large	6-12" apart	4-8"
ALLIUM, small	1-3" apart	3-4"
ANEMONE blanda ‡	4" apart	2-3"
CAMASSIA	6-8" apart	4-6"
CHIONODOXA	1-3" apart	3-4"
COLCHICUM*	6-9" apart	4"
CROCUS, fall, jumbo & snow	1-4" apart	3-4"
CYCLAMEN	6-8" apart	1-2"
ERANTHIS ‡*	3-4" apart	3-4"
ERYTHRONIUM	3-4" apart	4"
FRITILLARIA imperialis*	8-10" apart	6"
FRITILLARIA meleagris	4-5" apart	3-4"
GARLIC*	4-6" apart	5-6"
GALANTHUS*	2-4" apart	3-4"
HEMEROCALLIS*	12-18" apart	to 1"
HYACINTH*	3-4" apart	5-8"
HYACINTHOIDES*	3-4" apart	3-5"
IPHEION*	1-3" apart	2-3"
IRIS, dwarf, dutch	1-4" apart	3-4"
IRIS, bearded*	6-18" apart	to 1"
IRIS, siberian, japanese	6-8" apart	2-3"
LEUCOJUM*	2-3" apart	2-3"
LILY*	6" apart	6-8"
MUSCARI	2-3" apart	3-4"
NARCISSUS, Tall	4-6" apart	6-10"
NARCISSUS, Short	3-4" apart	4-6"
NECTAROSCORDUM	4-8" apart	2-3"
ORNITHOGALUM	3-4" apart	3-4"
PEONY*	2-3' apart	to 1"
PUSCHKINIA	2-4" apart	3-4"
SCILLA	2-4" apart	3-4"
TULIPS, garden*	4-6" apart	6-10"
TULIPS, species	2-3" apart	3-4"

Use deeper depths for colder areas and in sandy soils.
*Additional planting information is in descriptions or headers.
‡Corms: soak 24 hours before planting.

If after several years your bulbs produce leaves but not flowers, they may be suffering from overcrowding (dig in autumn, separate and replant), insufficient sun (move to new location), undernourishment (sidedress thoroughly) or marginal zone hardiness (give to a friend further south).

THE USDA PLANT HARDINESS MAP



Range of average annual minimum temperatures for each zone

Zone 3	-40° to	-30°	Zone 6	-10° to	0°
Zone 4	-30° to	-20°	Zone 7	0° to	10°
Zone 5	-20° to	-10°	Zone 8	10° to	20°

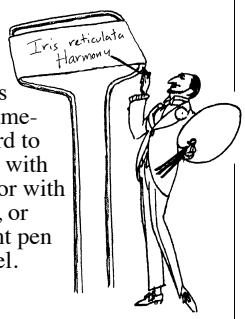
Supplies & Tools

Bulb Fertilizer

Our own blend of slow-release fertilizers, 5-5-4 percent by weight plus trace minerals for long-term availability: non-GMO soybean meal, rock phosphate, K-mag (langbeinite), greensand and kelp meal. Immediate availability percentage is 3.0-2.6-2.2. Permitted on MOFGA-certified organic farms. No animal by-products means no dogs or skunks will be digging up your bulbs. Use 1-2 tsp per bulb mixed into loosened soil below planting depth, or 5# per 40-50 sq. ft. as a topdressing after planting and again each spring.

2481: 5 for $6.75 2482: 10 for $11.00
2483: 20 for $19.00 2484: 50 for $38.00

Plant Markers

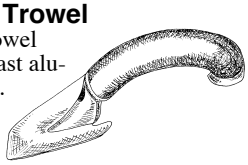


Zinc-coated nameplates on galvanized steel wire provide long-term outdoor labeling. Cap-style marker is 10½" tall with a ⅞ x2¼" nameplate, tilted slightly backward to provide easy viewing. Mark with included soft carbon pencil or with grease pencil for erasability, or with hard pencil or ball-point pen for permanent engraved label.

2491: 10 for $7.75
2492: 25 for $14.75
2493: 50 for $29.00 2494: 100 for $54.00

Organic Growers Supply takes orders year-round, offering work gloves, Bug Baffler clothing, more styles of plant markers, soil amendments and organic fertilizers, season extenders, books, and other tools and supplies for farm, garden and orchard.
fedcoseeds.com/ogs.htm

Radius Ergonomic Trowel

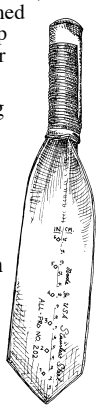


11¾" long, 3¼" wide trowel made from lightweight cast aluminum magnesium alloy. Slightly smaller than the Transplanter; works better for smaller hands. Cushioned foam-covered curved handle directs the power of your hand and arm efficiently. Sturdy ergonomic tool helps avoid bruised palms and sore wrists and elbows. Made in China.

2501: 1 for $16.00 2502: 2 for $30.00

Wilcox All-Pro Heavy-Duty Tools

These strong one-piece tools are nearly indestructible, and will not rust or bend, even digging in hard soil. Forged stainless steel V-shaped blade is 3" wide, has a sharp point for cutting sod or soil, and an etched depth guide. A comfortable non-slip easy-grip plastic handle, and a leather thong for wrist or hanging. Made in Iowa.



14" Digging Trowel - With its 9" long blade, this is our favorite on-your-knees garden tool.

2511: 1 for $18.00
2512: 2 for $33.00

22" Long-handled Trowel - Same style blade as above, but the extra length between the 8" blade and the easy-to-hold handle gives you even more leverage digging in hard soil for naturalizing projects. Longer handle and wider blade than the 18" version we previously offered.

2521: 1 for $25.00 2522: 2 for $46.00

Forcing Bulbs Indoors

Why not enjoy your favorite spring bulbs all winter long? With a little extra attention, you can grow many bulbs indoors. While paperwhites and amaryllis are ready to plant and grow, all other bulbs must be cooled for a time to fulfill their winter dormancy requirements before they will flower. This cooling process is often called "forcing" and is intended to mimic the action of nature outdoors.

Planting: Choose a pot shallow and wide enough to hold several bulbs. Place a layer of stones or other coarse material in the bottom of the pot, set the bulbs in root side down, then fill the container with fine stones, sand, light potting mix or other material until the bulbs are about two-thirds covered. The bulbs already contain all the nutrients needed to bloom once, and too rich a soil may cause them to rot. Water up to the base of the bulbs. Or use a hyacinth glass: Fill with water to the base of the bulb, and do not let it get dry.

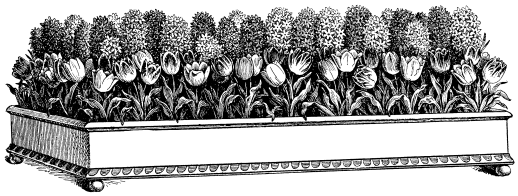
Cooling: After watering, cover the pot with plastic, punch a few holes for circulation, and place in the fridge (this works well because the temperature is consistent, just be sure to keep the bulbs away from fruit). Or, place them in a garage, unheated basement, root cellar, outdoors covered with 6-8" of leaves and earth, or other dark place at 35-40˚F. The bulbs will not be hurt by light frost but will be harmed by heat or a hard freeze.

Bulb Genus	weeks of: cooling	indirect light
Anemone, Crocus, Chionodoxa, Galanthus, Leucojum, Scilla	8-12	1-3
Iris reticulata, Muscari, short Narcissus	10-14	2-3
Hyacinthus. tall Narcissus, Tulipa	12-16	2-4

The bulbs are ready when you can see roots at the bottom of the pot, and leaf tips are beginning to emerge. Bring the bulbs into a cool area (50-65˚F) with plenty of indirect light to encourage leaf growth. Too much heat at this point will cause premature flowering; do not place near radiators or wood stoves. Keep the soil moist, but do not overwater.

When 3-5" of leaf growth has appeared, bring the pots into direct light to encourage flowering. Once blooms have appeared, remove pots from direct sun to keep colors from fading quickly.

Plant forced bulbs in the garden in spring, or let them go dormant in their pots and plant them in fall. They will not force well a second time. The bulbs may not blossom until the 2nd spring after they were planted outdoors.



Collections

contain each variety individually packaged and labeled, all topsize bulbs (except where noted). Planting suggestions accompany each collection. We reserve the right to substitute a similar variety should one become unavailable.

Blue Wave Collection - Waves of spring keep coming with this shades-of-blue collection. Plan a blue wave in your garden front to back, from shorties of crocus to tall alliums. Shades of blue begin with 10 each of crocus 'Blue Pearl' and 'Flower Record' followed soon thereafter by 10 *Scilla siberica* and 3 hyacinth 'Delft Blue'. The tide recedes for a week or so until 10 *Muscari armeniacum* come to call followed by 5 tulip 'Passionale'. A later and higher tide will bring 5 tulip 'Bleu Aimable', then 10 Dutch Iris 'Blue Ribbon'. The last wave will have a bit of a trough in 10 shorter *Allium caeruleum* but end on a high peak with 2 *Allium giganteum*. 75 bulbs. 3"-4'. VE-ESu. **NEW!**

3511: 1 for $29.00 3512: 2 for $54.00

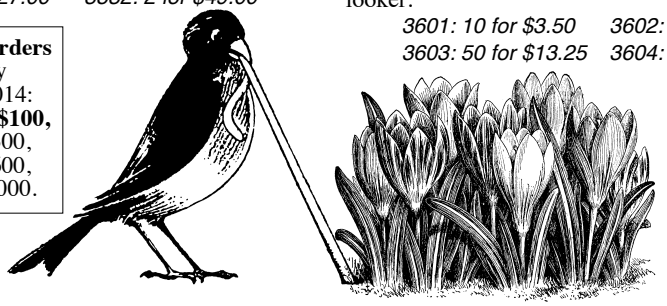
The Classic Collection - We've revamped our version of this easy garden in primary colors for bright spring color. Originally inspired by the famous combination at Keukenhof Gardens in Lisse, South Holland—a blue river with red and yellow banks. Contains 15 red 'Oxford' and 15 yellow 'Golden Parade' Darwin Hybrid tulips, and 50 *Muscari armeniacum* Grape Hyacinths.

3521: 1 for $19.50 3522: 2 for $37.00

The Low Border - A "heralds of spring" early border, for 3-4 sq. ft, with crocus, dwarf iris, snowdrops and more. Early spring color for naturalizing, tucking into a corner, or overplanting in an existing bed. Ninety bulbs: 10 Jumbo Crocus mix (7-8cm), 10 Species Crocus mix, 10 *Iris danfordiae*, 10 *Iris reticulata* 'Harmony', 10 *Chionodoxa forbesii*, 10 *Eranthis*, 10 *Galanthus nivalis*, 10 *Puschkinia scilloides*, 10 *Scilla siberica*. Most will slowly spread and fill in over time.

3531: 1 for $27.00 3532: 2 for $49.00

Discounts on orders received by August 15, 2014: **take 5% off at $100,** 10% off at $300, 12% off at $600, 15% off at $1000.



Crocus

provide a burst of color in early spring and are great for naturalizing. Once established, they can spread by "cormlets" and seed in well-drained areas. Foliage of low-growing varieties fades before the grass needs mowing. One of the most popular genera, they are welcome precursors of spring—colorful, long-lived, and easy to grow. Their waxy coat allows them to bloom even through a late snow.

Species Crocus mix - A mix of colors, mostly *C. chrysanthus*, with some of the other small species as well. Z3-8, 2-4", VE. 5cm/up.

3541: 20 for $5.00 3542: 40 for $8.40
3543: 100 for $18.75 3544: 300 for $52.00

C. chrysanthus - Golden or **Snow Crocus** - The best-known small crocus species. Up to 4 fragrant flowers per corm, with rounded petals. Native to Greece, Turkey and the Balkans. Z3-8, 3-4", VE. 5cm/up.

'Ard Schenk' - Pure white petals with a golden-yellow throat and brilliant orange pistils. Subtly fragrant. Some consider the man Ard Schenk to be the best speed-skater of all time. **BACK!**

3551: 10 for $3.75 3552: 20 for $6.30
3553: 50 for $14.20 3554: 200 for $49.00

'Blue Bird' - Violet-blue petals edged in white. White to very pale blue inside with orange stamens.

3561: 10 for $3.60 3562: 20 for $6.00
3563: 50 for $13.50 3564: 200 for $46.00

'Blue Pearl' - Pale blue petals with a bronze base outside, pure white and pale blue inside with a yellow base. ✦¢✦

3571: 10 for $3.00 3572: 20 for $5.00
3573: 50 for $11.50 3574: 200 for $41.00

'Cream Beauty' - Light eggnog cream with a bronze base and orange stamens. An unusual and attractive color for crocus.

3581: 10 for $2.75 3582: 20 for $4.60
3583: 50 for $10.40 3584: 200 for $34.00

'Dorothy' - Bright deep orange-yellow inside with a light feathering of bronze on the base outside. 6cm/up.

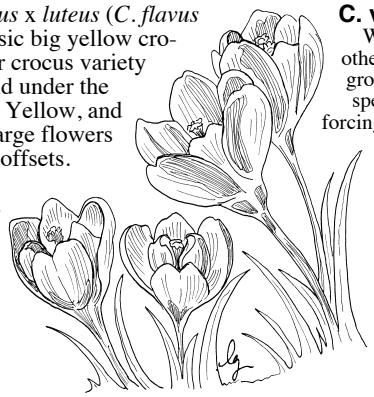
3591: 10 for $3.90 3592: 20 for $6.55
3593: 50 for $14.55 3594: 200 for $49.00

'Lady Killer' - Slightly pointed petals broadly brushed with royal purple on the outside. Inside is snow white, with bright orange stamens for a striking contrast. Sharp and snappy, a real good looker.

3601: 10 for $3.50 3602: 20 for $5.75
3603: 50 for $13.25 3604: 200 for $45.00

'Yellow Mammoth' - *Crocus* x *luteus* (*C. flavus* x *C. angustifolius*) - The classic big yellow crocus, perhaps the most popular crocus variety for over 300 years, is also sold under the names Golden Yellow, Giant Yellow, and Grote Geele. Vigorous, 2-5 large flowers per corm. Sterile; spreads by offsets. Blooms slightly before the Jumbo Crocuses, and often is grouped with them. Z3-8, 4-6", VE-ES. 9cm/up.

3611: 10 for $4.25
3612: 20 for $7.10
3613: 50 for $16.00
3614: 200 for $59.00



'Tricolor' - *C. sieberi* sbsp. *sublimus* f. *tricolor* - Golden orange throat banded with white makes a vivid center in these bright lilac-blue blooms. Not subtle but sublimely striking in the garden or forced indoors. Sometimes the flowers emerge before the leaves; flowers open wide and starlike. One to three scented flowers per corm. Vigorous species native to Greece and Crete. Z4-8, 2-3", VE. 5cm/up.

3621: 10 for $2.75 *3622: 20 for $4.60*
3623: 50 for $10.40 *3624: 200 for $33.00*

C. tommasinianus - Woodland Crocus - Slender flowers with pointy petals, 1-2 flowers per corm, and a very pronounced white stripe on the leaves. Doesn't compete well in grass, but easily reseeds itself and forms colonies in gardens. Of all the crocus we offer, the most tolerant of moisture during the dormant period. Native Bulgaria and Dalmatia. Z3-8, 3-4", VE.

'Ruby Giant' - Deep purplish red with a lighter base and margins. Large, vigorous and free-flowering. 5cm/up.

3631: 10 for $2.75
3632: 20 for $4.60
3633: 50 for $10.40
3634: 200 for $34.00

'Whitewell Purple' - Reddish-purple very wide petals, silvery mauve inside. Quickly forms showy clumps. 6cm/up.

3641: 10 for $3.20
3642: 20 for $5.25
3643: 50 for $12.00
3644: 200 for $40.00

C. vernus - Jumbo or Dutch Crocus - While admittedly "jumbo" relative only to other crocuses, these are the most commonly grown crocus. Slightly later than the smaller species. Good for bedding, naturalizing and forcing. Solitary flowers do equally well in sun or partial shade. Divide every 3-4 years to prevent overcrowding. Z3-8, 4-6", VE-ES. 9-10cm.

'Flower Record' - Deep violet-mauve flowers with a purple base. Spreads readily. Popular since its introduction in Victorian times as **'Crocus Purpurea Grandiflora'**.

3651: 10 for $4.25
3652: 20 for $7.10
3653: 50 for $16.00
3654: 200 for $59.00

'Jeanne d'Arc' - Gleaming pure white petals and bright orange pistils. Pair it with any other for brilliant contrast.

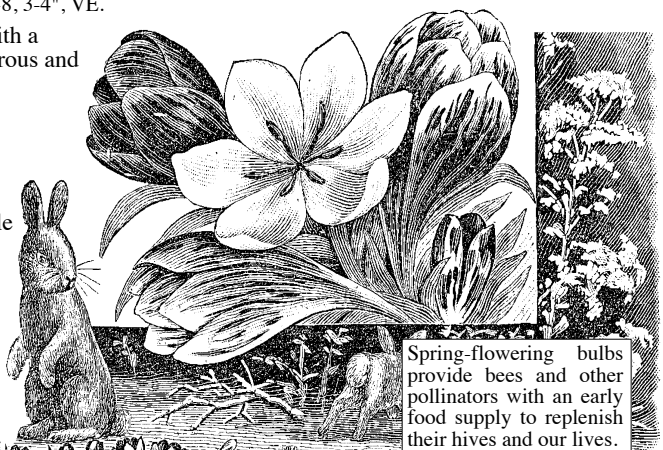
3661: 10 for $4.25 *3662: 20 for $7.10*
3663: 50 for $16.00 *3664: 200 for $58.00*

'Pickwick' - White petals striped with lilac to purple veins. ✦¢✦

3671: 10 for $4.25 *3672: 20 for $7.10*
3673: 50 for $16.00 *3674: 200 for $59.00*

Jumbo Crocus mix - Yellows, whites, purples, blues and stripes, for large-scale naturalizing or border plantings. Landscape size, 7cm/up.

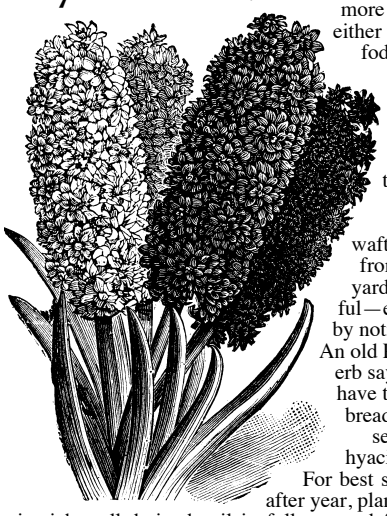
3681: 20 for $5.75 *3682: 40 for $9.50*
3683: 100 for $22.50 *3684: 300 for $58.00*



Spring-flowering bulbs provide bees and other pollinators with an early food supply to replenish their hives and our lives.

Included in each heading or description are USDA hardiness zones, approximate height at flowering time, relative bloom time (VE, very early spring; ES, early spring; MS, mid-spring; LS, late spring; Su, summer; ESu, MSu, LSu), and bulb size. ✦¢✦ indicates an exceptionally good deal.

Hyacinths



Hyacinthus orientalis were more popular than either tulips or daffodils 130 years ago. Their heady fragrance and range of color make them a favorite in the spring. The wafts of perfume from around the yard are wonderful—even passers-by notice the scent. An old Persian proverb says that if you have two loaves of bread, you should sell one to buy hyacinths.

For best showing year after year, plant bulbs deep in rich well-drained soil in full sun and fertilize each fall. After the first year, the florets are slightly smaller and not as dense. Grow them in the border in close bunches or meandering drifts. Because a natural compound in the bulbs can cause "hyacinth itch," wear gloves during planting, and wash with cold water and plain soap after handling the bulbs. Z4-8, 8-12", ES.

'City of Haarlem' - Pastel creamy yellow, a counterpoint to dark hyacinths or a complement to narcissus. 15-16cm. **BACK!**

4821: 3 for $3.25
4822: 6 for $5.45
4823: 12 for $9.75
4824: 48 for $36.00

'Delft Blue' - Rich soft porcelain blue. The classic hyacinth color that goes with everything. In the current-day city of Delft there still exists one factory making the blue porcelainware as they have for over 350 years. 16-17cm.

4831: 3 for $4.10
4832: 6 for $6.75
4833: 12 for $12.70
4834: 48 for $49.00

'Peter Stuyvesant' - Deep blue to royal purple. Strong sun fades many dark varieties, but Peter holds color well. Also bred for strong stems to withstand hard wind and rain. 15-16cm.

4841: 3 for $3.75 *4842: 6 for $6.25*
4843: 12 for $11.25 *4844: 48 for $38.00*

'Pink Pearl' - Deep rose pink with pale pink edges. Very fragrant. 16-17cm.

4851: 3 for $3.90 *4852: 6 for $6.50*
4853: 12 for $11.80 *4854: 48 for $41.00*

See color photos and order online
fedcoseeds.com/bulbs.htm

'Woodstock' - Marvelous rich violet-red color, like beets with a hint of magenta. Very full flower and definitely a stand-out. 15-16cm.

4861: 3 for $3.75 *4862: 6 for $6.25*
4863: 12 for $11.25 *4864: 48 for $38.00*

Hyacinth mix - The above colors and more. 15-16cm.

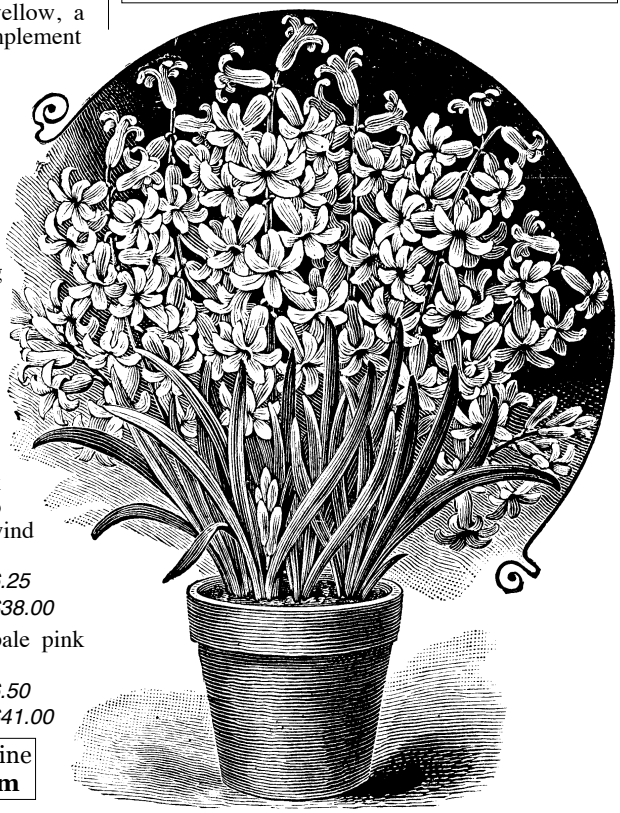
4871: 6 for $6.30 *4872: 12 for $10.50*
4873: 24 for $19.00 *4874: 96 for $73.00*

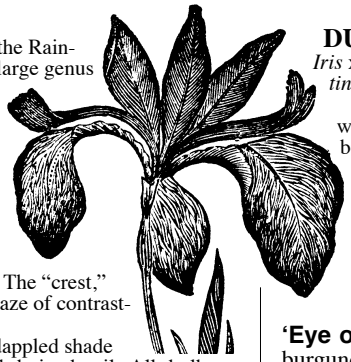
Pastel Hyacinth mix - A mix of soft colors group to ease the soul. If you get too close, however, the aromas may put you in an altered state. Dreamy. 15-16cm. **NEW!**

4881: 6 for $6.30 *4882: 12 for $10.50*
4883: 24 for $19.00 *4884: 96 for $72.00*

Hyacinth Glass - The classic shape displays the bulb securely, with plenty of room for roots. Add interest with small stones or beach glass in the base. Clear, antiqued wavy heavy glass, with dimples around the "waist" to ensure good drainage around the bulb. 5 3/4" tall, 3 1/2" diameter.

4811: 1 for $4.50
4812: 3 for $11.75
4813: 6 for $21.00
4814: 12 for $39.00





Iris, Greek goddess of the Rainbow, lends her name to this large genus of beautiful flowers with a wide range of sizes and colors. Growing from bulbs or fleshy rhizomatous roots, irises are superb for cutting and borders. For all iris, "standards" are the three smaller erect petals; "falls" are the three larger pendant, reflexed or spreading petals. The "crest," "blotch" or "signal" is the blaze of contrasting color on the fall.

Most irises prefer sun or dappled shade with moderately fertile well-drained soil. All bulbous irises prefer dry soils when dormant in summer.

See p. 8 for bearded iris and p. 16 for Japanese and Siberian irises.

DWARF IRIS - Smaller delights, blooming in very early spring. Plant 1" apart for maximum color splash. 3-6", Z4-9. 5cm/up, except where noted.

I. danfordiae - Fragrant, brilliant lemon-yellow flowers. Falls display an orange crest with small olive spots; tiny bristly standards and erect narrow leaves. Often the first iris to bloom. Native to Turkey; prefers hot summers. 3-6", VE.

5011: 10 for $4.00 5012: 20 for $6.35
5013: 50 for $15.75 5014: 100 for $30.00

I. histroides 'Katharine Hodgkin' - Light blue standards with royal blue to purple striping. Pale lavender-streaked falls are highlighted by a yellow crest splashed with deep purple spots. Really beautiful flowers. 3" across. 4-6" tall, ES.

5021: 10 for $4.75 5022: 20 for $8.00
5023: 50 for $18.50 5024: 100 for $34.00

I. reticulata - Bursts of color in early spring for the lawn, border or rock garden. Robust and hardy, spreads easily once established. Also good for forcing. Short leaves at flowering, later grow to 10-12". 4-6", VE-ES.

'Dark Blue' - Rich purple-blue nearly horizontal standards and darker falls contrast smartly against a yellow and white crest. Hardy dwarf tolerates late snows and hard frosts with no loss of color.

5031: 10 for $3.40 5032: 20 for $5.65
5033: 50 for $12.75 5034: 100 for $22.00

'Harmony' - Velvety royal purple-blue falls with a yellow crest, and lavender-blue standards. Fragrant and long-lasting. 6cm/up.

5041: 10 for $4.00 5042: 20 for $6.65
5043: 50 for $15.00 5044: 100 for $26.00

'J.S. Dijt' - Reddish-purple diminutive beauty highlighted by a gold signal with white borders on unfurling falls. 6cm/up. **NEW!**

5051: 10 for $4.25 5052: 20 for $7.10
5053: 50 for $16.00 5054: 100 for $29.00

Dwarf Iris Mix - An early spring mix with four or more miniature standouts. ✦¢✦

5061: 20 for $5.25 5062: 40 for $8.70
5063: 100 for $20.00 5064: 200 for $36.00

DUTCH IRIS - Widely popular, the Dutch Iris *Iris* x *hollandica* is actually a hybrid of *I. xiphium*, *I. tingitana*, and *I. latifolia*. Among the best cutflowers, with elegant airy blooms on stiff stems; cut when buds are plump. Also lovely clumped in the border. Z5-8, 16-24", LS-ESu.

'Blue Ribbon' - Rich velvety purplish-blue falls with standards a shade lighter, and a deep golden yellow crest. 8-9cm. **BACK!**

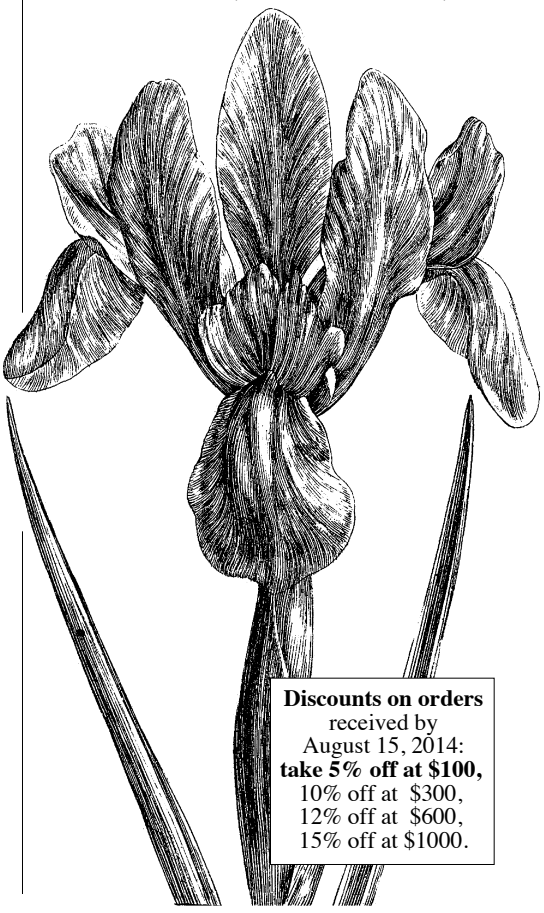
5071: 10 for $2.90 5072: 20 for $4.85
5073: 50 for $10.90 5074: 100 for $20.00

'Eye of the Tiger' - Purple standards and deep burgundy falls with a yellow eye. Rich deep colors. Never having looked a tiger in the eye, we see this as an exotic bird. 8-9cm.

5081: 10 for $4.50 5082: 20 for $7.50
5083: 50 for $17.00 5084: 100 for $30.00

Dutch Iris mix - White, yellow, blue, bronze, mauve, violet and more. What more could possibly be asked for? 7-8cm.

5091: 20 for $6.50 5092: 40 for $10.75
5093: 100 for $25.75 5094: 200 for $44.00



Discounts on orders received by August 15, 2014: **take 5% off at $100,** 10% off at $300, 12% off at $600, 15% off at $1000.

RHIZOMATOUS IRISES here are beardless. Plant their rootstocks just below soil level.

See page 8 for rhizomatous bearded iris.

Japanese Iris - *I. ensata* syn. *I kaempferi* - The largest blooms among the iris, usually 5" across, with huge horizontal falls and small standards, 3-4 flowers per stem. Arching narrow leaves form graceful clumps attractive around ponds or streams. Plant 6-8" apart in slightly acid soil, in full sun or partial shade. Prefers moisture during active growth and flowering. Often takes 2 years to establish, then is best left undisturbed for a long time. Can be planted in large pots for convenient display during bloom time. Native to Japan and northern China. Z4-9, Su. 2-fan.

'Picotee Wonder' - Substantial white falls with a broad violet-blue edge. Short standards, white with slender purple-blue edge, bring me to a standstill every time I see them. I ask, "How can this fine line of color so perfectly outline such a ruffled edge"... 30-32".

5101: 1 for $4.25 *5102: 3 for $10.75*
5103: 6 for $19.00 *5104: 24 for $74.00*

'Pink Lady' - Soft pink, with rose-pink veins, slightly paler at the edge. 32-35".

5111: 1 for $4.25 *5112: 3 for $10.75*
5113: 6 for $19.00 *5114: 24 for $75.00*

Japanese Iris mix - Sublime blooms in blue, lavender, violet, and white. 24-36".

5121: 3 for $10.75 *5122: 6 for $19.00*
5123: 12 for $37.00 *5124: 24 for $70.00*

Siberian Iris - *I. siberica* - Delicate beardless flowers on thin stems, up to 5 per stem, held above the foliage. Good for cutting. Tall slender foliage in clumps looks great all summer grouped in borders or naturalized in colonies. Low maintenance, easy to grow; tolerates poor dry soil, but performs best in rich moist acid soil. Plant 12-15" apart in full sun or partial shade. Give them room to spread; divide tight clumps and clumps with open centers every few years. Z3-9, SU. 2-3fan.

'Butter and Sugar' - Creamy white standards with Jersey butter-yellow falls. Their 2' stems make especially good cutting, and their use in tall arrangements is just delicious. When renowned Maine iris breeder Dr. Currier McEwen introduced 'Butter and Sugar' in 1970, it was the world's first yellow Siberian iris, and still the yellow standard. 26-28".

5131: 1 for $3.50 *5132: 3 for $8.75*
5133: 6 for $16.75 *5134: 24 for $58.00*

'Caesar's Brother' - Beautiful velvety deep rich cobalt blue. An old favorite, ever-popular for its incredible vigor and color. 36-42". **BACK!**

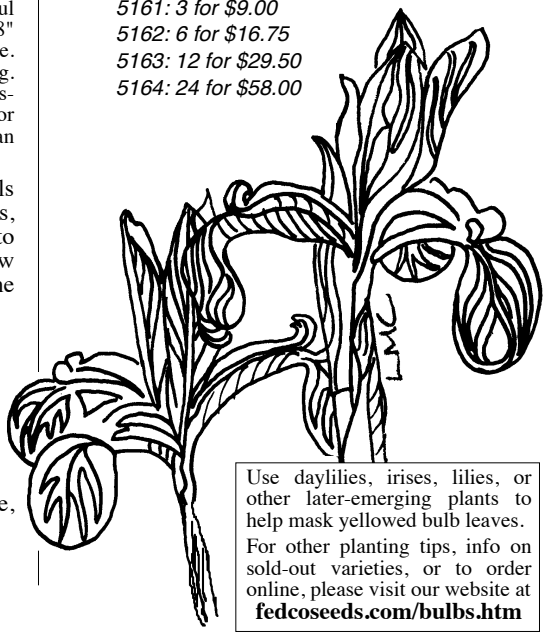
5141: 1 for $3.25 *5142: 3 for $8.15*
5143: 6 for $14.65 *5144: 24 for $56.00*

'Super Ego' - Light to medium sky blue to pale purple petals with darker veins on falls rather broad for a Siberian Iris. Finely etched purple, yellow & white crest; standards pale lilac with darker veining. Compact at 28-32".

5151: 1 for $3.50 *5152: 3 for $8.75*
5153: 6 for $16.75 *5154: 24 for $59.00*

Siberian Iris Mix - A mix of five varieties, in blue, lavender, purple and white. Again, an excellent bargain this year. 24-40".

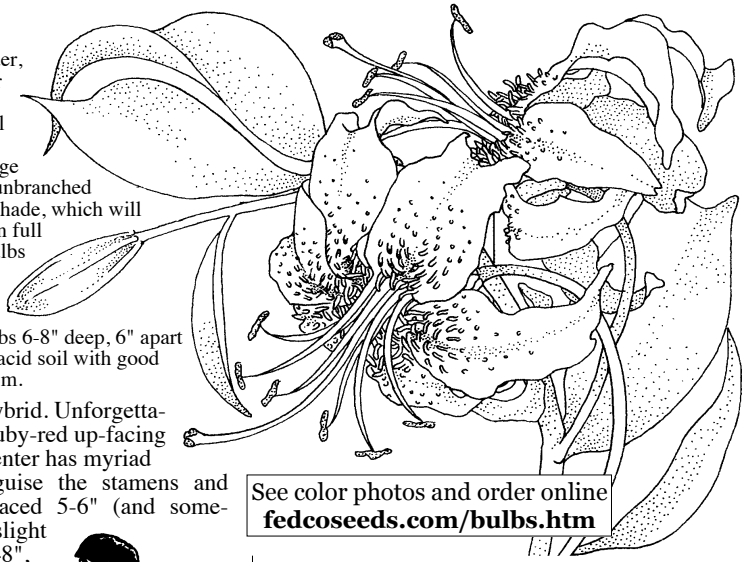
5161: 3 for $9.00
5162: 6 for $16.75
5163: 12 for $29.50
5164: 24 for $58.00



Use daylilies, irises, lilies, or other later-emerging plants to help mask yellowed bulb leaves.

For other planting tips, info on sold-out varieties, or to order online, please visit our website at **fedcoseeds.com/bulbs.htm**

Lilies - *Lilium*

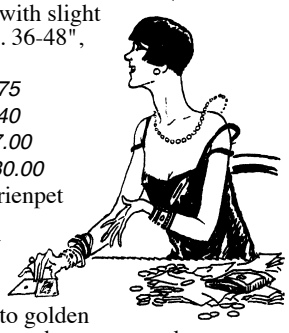


Queens of the Perennial Border, excellent as bedding plants or cutflowers, lilies are wonderful either as individual specimens or in solid masses. These true lilies bear their large six-pointed flowers on erect unbranched stems. They do well in light shade, which will prolong summer blooms, or in full sun if mulched to keep the bulbs cool. Since lily bulbs are not completely dormant when shipped, do not let them dry out before planting. Plant bulbs 6-8" deep, 6" apart in rich, well-drained slightly acid soil with good humus content. Z3-8. 16-18cm.

See color photos and order online
fedcoseeds.com/bulbs.htm

'Black Jack' - Asiatic hybrid. Unforgettable glistening vermilion-ruby-red up-facing blooms. The deeper red center has myriad dark red spots that disguise the stamens and anthers. Relatively flat-faced 5-6" (and sometimes larger) flower with slight recurved petal edges. 36-48", ESu.

5171: 1 for $3.75
5172: 3 for $9.40
5173: 6 for $17.00
5174: 12 for $30.00



'Conca d'Oro' - Orienpet (Oriental x trumpet) hybrid. Large mildly recurved petals are creamy white at the outer edges, turning to golden towards the center where a verdant green descends into the throat and shoots back out the stamens, topped by copper-colored anthers. Stunning. 36-38", LSu.

5181: 1 for $3.75 *5182: 3 for $9.40*
5183: 6 for $17.00 *5184: 12 for $31.00*

'Lollypop' - Asiatic hybrid. Starry bright-pink petals dusted with tiny reddish-brown spots, and a creamy white throat. Outward-facing 3-6" blooms; more floriferous than many Asiatic types. 18-32", E-MSu.

5191: 1 for $3.75 *5192: 3 for $9.40*
5193: 6 for $17.00 *5194: 12 for $30.00*

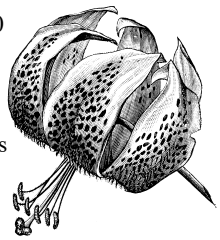
'Stargazer' - Oriental hybrid. Large 6-7" fragrant star-shaped flowers have deep rose-red slightly recurved petals with narrow white edge and a profusion of darker red spots. A familiar and choice specimen at late summer farmers' markets in Maine. 36-48", M-LSu.

5201: 1 for $3.75 *5202: 3 for $9.40*
5203: 6 for $17.00 *5204: 12 for $31.00*

Oriental Lily Mix - The five or more varieties in this mix of 34-38" Oriental hybrids will draw a crowd to your garden in August. Delight your guests with all-pinks, all-whites, bicolors with lighter borders, even some with spots! Great as cutflowers, or let them stand in display beds.

5211: 3 for $11.50 *5212: 6 for $20.00*
5213: 12 for $34.00 *5214: 24 for $60.00*

Lilium pumilum - **Coral Lily** or **Scarlet Turk's-Cap Lily** - From a central stalk, sends out 5–30 pendent coral-red "Turk's Cap" blooms on 3" flower stalks. 1–1½" flowers are lightly scented and tightly recurved. Remove seed pods to lengthen plant life. Also called **Siberian Lily**, though also native to Mongolia. Plant in well-drained soil, but don't let it dry out completely. Z3-9, 18-24", MSu. 10cm/up.



5221: 1 for $5.00 *5222: 3 for $12.75*
5223: 6 for $22.50 *5224: 12 for $40.00*

Got Lily Leaf Beetle?

Also known as Scarlet Lily Beetle, *Lilioceris lilii*, this pest only eats Liliaceae. Infestations have increased explosively in Maine in the past few years. We've heard of several techniques that may be worth your time.

From some professional gardeners Downeast: When you see the mother (she's red), she probably has already laid her eggs. Pick her off.

Put on a pair of soft cotton gloves and spray them heavily with diluted neem oil solution. Starting at the base of the lily stalk, run your gloved hand up under the leaves to the top of the stalk. This will coat the leaves with neem and kill any eggs that happen to be there.

Spraying the neem oil is not enough—you need to get the stalk and the undersides of the leaves coated by using the soaked glove. Neem oil will not kill the mother. Using this treatment along with daily checks, they are seeing fewer beetles.

A vigilant customer uses a 1:8 dilution of liquid Dr. Bronner's Peppermint soap in water. "It works [even] if I have to spray many times a summer. I have my lilies and I don't worry about them. I never go outside without my spray bottle." She also reports that it "contact kills" ticks, carpenter ants, slugs and the parent red lily beetle, which the proponents of neem oil admit that it does not do.

Ordering Information

The final order date for early shipment items (pp. 8-11) is Aug. 15, 2014.

The discount deadline is also Friday, August 15. Please mail your order early enough for us to receive it by the deadline, or get online at fedcoseeds.com before Friday at 4pm.

To encourage group and co-op orders, we offer the following **volume discounts** on orders **we receive** by the **Aug. 15** deadline:

5% on orders $100 and up
10% on orders $300 and up
12% on orders $600 and up
15% on orders $1000 and up

Discounts are calculated from the order Subtotal on p. 22 (not including shipping).

Orders received after Aug. 16 do not earn volume discounts and should expect some items to have sold out; check online for up-to-date info.

Friday, August 29, is the final order date.

We process and ship orders in the sequence we receive them. If you want your bulbs early, please order early.

Minimum order: $10 (not including shipping).

Web orders: Order at **fedcoseeds.com**.

Mail orders: Please use pen to help us process your order accurately. **Send** your order form, with payment to: **Fedco Bulbs, PO Box 520, Waterville, ME 04903**. Keep a copy. If you wish us to confirm receipt of your order, enclose a stamped self-addressed postcard. If you need another copy of the order form, download the pdf from our website, or phone us at (207) 426-9900.

We do not take phone or fax orders.

Payment: We accept Visa, MasterCard, AmEx and Discover; by mail, checks and money orders as well.

Group orders: Only one shipping charge (if any), and the group's Subtotal determines the discount (if any). As with all Fedco orders, a second order over $50 from the same group earns the same discount level as the first. See our website for info on organizing an online group order.

By mail, collect and send to us at one time with one payment all the order forms from all your group members (keep copies for your use). Use a copy of the order form as a cover sheet for group address and payment.

We make one shipment (or two, if you've got "E" items pp. 8-11) to one address with members' orders individually packed and labeled. Group pickup orders are to be picked up all at once.

Questions? Problems?

Call us at 207-426-9900 or send an email to **questions@fedcoseeds.com**.

Shipping Information

Shipping to the continental US: we ship via UPS Ground or USPS Priority Mail, our choice. **Minimum shipping charge**: $6. Orders over $60 pay 10% of Adjusted Total (after discounts, if any).

Orders going to **Alaska, Hawaii** and **APO/FPO** go Priority Mail; provide a **mailing** address and pay 20% of Adjusted Total ($12 minimum).

going to:	Adj. total:	shipping charge:
continental US	up to $60 over $60	$6 10% of Adjusted Total
AK, HI, APO/FPO	up to $60 over $60	$12 20% of Adjusted Total

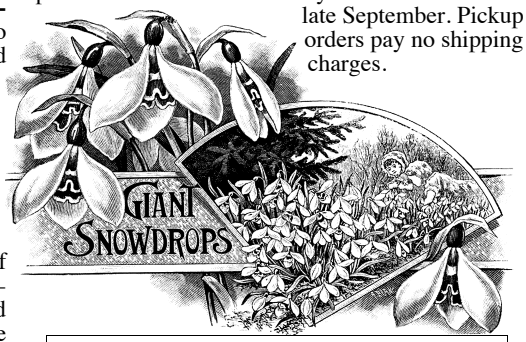
Sorry, no shipments to Canada.

Shipping regular items begins Sept. 25 and ends Oct. 8. No rush orders or expedited shipping. If you have not received your order by October 17, please contact us.

Shipping early items begins just after Labor Day. See pp. 8-11.

Pickup Information

Pick up your order, shop for surplus bulbs, or browse our selections of perennials and woody plants at our **Fall Bulb and Plant Sale** on **Saturday, Oct. 11**, from 9am-3pm. We will send you a postcard with directions and your order number in late September. Pickup orders pay no shipping charges.



We guarantee the quality of our bulbs, and warrant that all items we offer are fully satisfactory. If you are dissatisfied for any reason, we will replace the item or refund the purchase price.

Please inspect and check over your order upon receipt and use the enclosed form to notify us immediately of any problems. If you notice problems next spring, let us know immediately. Because good results depend upon weather, soil and cultural practices over which we have no control, we limit our liability in all instances to the purchase price. The liability of Fedco Seeds, Inc., for breach of warranty, or any loss or damages arising out of the purchase or use of our products, including loss or damages resulting from any negligence whatsoever on our part, or strict liability in tort, shall be limited to the purchase price. By acceptance of the merchandise, the buyer acknowledges that the limitations and disclaimers herein described are conditions of sale, and that they constitute the entire agreement between the parties regarding any warranty or liability.

Claims for any product defects should be presented to Fedco as soon as possible after discovery. Failure to assert claims within 30 days after discovery renders this warranty null and void.

Order form missing? Download another from fedcoseeds.com/bulbs.htm

Fedco Bulbs 2014

PO Box 520 Waterville ME 04903
www.fedcoseeds.com

(from mailing label) CC - _____

Farm or Group Name _____

Name _____

Deliver this order to: (We ship by Priority Mail or UPS ground, our choice based on weight.)

US Mail: _____

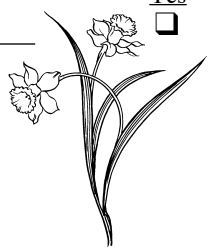
Town _____ St _____ Zip _____

UPS (include road name)**:** _____

Town _____ St _____ Zip _____

phone _____ Will you accept Substitutions? Yes ❑ No ❑

email _____



Volume Discounts if received by 8/15/14 take 5% off at $100,
10% off at $300,
12% off at $600,
15% off at $1000.
Early shipment & main order items may be combined for volume discounts.

Please choose one delivery option: ✔
UPS or Priority Mail ❑
Pickup Saturday 10/11/14 ❑
We need your address even if you are planning to pick up your order.

Subtotal from other side	
Volume Discount from **Subtotal**	−
1% Member Discount from **Subtotal**	−
Adjusted Total	=
Maine residents and pickup orders **only** Add 5.5% **Sales Tax**	+
Shipping	+
Grand Total	=

Shipping		
continental US	up to $60 over $60	$6 10% of **Adjusted Total**
AK, HI, APO/FPO	up to $60 over $60	$12 20% of **Adjusted Total**

❑ Donate all my refund to MOFGA
❑ Donate up to $5.00 ❑ Donate up to $2.00

Deadline for discounts is Friday, August 15.
Deadline to order early shipment items (E1011-E1264, pp 8-11) is August 15.
Final order deadline is Friday, August 29.

We accept Visa, MasterCard, AmEx, Discover — $25 minimum, please.

Exp. Date

Fedco Bulbs 2014

Use this form for both early shipment and regular items. Keep a copy for your records.

	Item #	Number of packages	Number of bulbs	Description	Price per package	Total price
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
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16						
17						
18						
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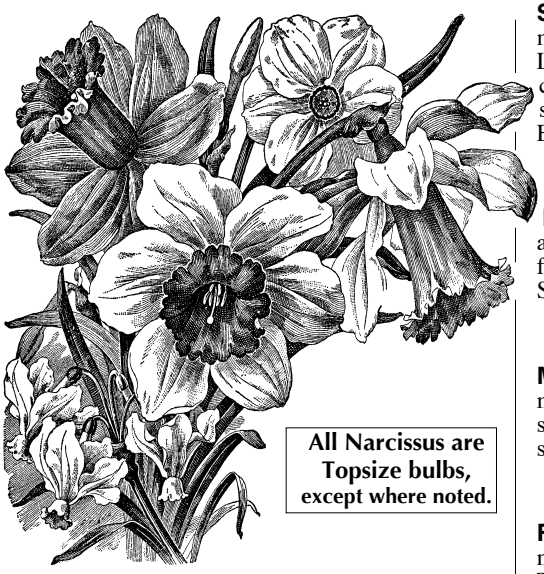
20						
21						
22						
23						
24						
25						
26						
					Subtotal must be $10 or more	

8/15/14: Deadline for discounts and for ordering early shipment items.
8/29/14: Final order deadline.
At **fedcoseeds.com/bulbs.htm** you can check for sold-out varieties, read additional information about flowerbulbs, or order online.



All Narcissus are Topsize bulbs, except where noted.

Narcissus

are sometimes found around old homestead foundations, as they will return year after year as long as the soil is well drained and the foliage is not cut until it has completely died back. Deer will not eat narcissus, as they are toxic. Cheerful, reliable and dependable for beds, borders, cutflowers, forcing, and naturalizing.

Narcissus, or **Daffodils** as they are also called, thrive in full sun and in dappled shade. Pink, orange and red varieties hold their color longest during cool wet springs. In a dry season, water late varieties in mid spring to ensure bloom. But for a few noted exceptions, Narcissus thrive in Zones 3-8.

Narcissus Mixes

Pink Mix - Field-grown mix of lovely pinks to last all season. Mostly Large Cups, some Doubles and Trumpets; may include 'Salomé' which opens yellow and turns soft pink with a golden rim. 12-18", ES-MS. Landscape size.

6011: 10 for $6.00 6012: 20 for $10.00
6013: 50 for $24.00 6014: 200 for $87.00

Sunshine Mix - From some bright and creative mind comes this mix with sunny two-toned cups. Large Cup narcissus of all colors are enhanced by cheery cup rims in red, orange or pink. An outstanding show of mid-season blooms. 14-18", ES-MS. Landscape size.

6021: 10 for $6.00 6022: 20 for $10.00
6023: 50 for $24.00 6024: 200 for $88.00

Butterfly Mix - Shades of white, yellow, orange and gold, many with sunbursts of color radiating from bicolor coronas. Softly ruffled Papillon Split Coronas. 14-18", MS-LS. Landscape size.

6031: 5 for $3.75 6032: 10 for $6.25
6033: 25 for $14.25 6034: 100 for $51.00

Mixed Doubles - A round-robin mix of six or more Double narcissus varieties for through-the-season ace performance. 12-18", ES-LS. Landscape size.

6041: 10 for $7.75 6042: 20 for $13.50
6043: 50 for $30.00 6044: 200 for $105.00

Fragrant Mix - A mix of sweetly scented hardy narcissus. Great for aromatic daffodil bouquets. Taller varieties that will fill your rooms with inspiring fragrance, mostly Large Cup, Tazetta and Poeticus. 14-18". Bloom times will vary. Landscape size. ✦¢✦

6051: 10 for $6.00 6052: 20 for $10.00
6053: 50 for $24.00 6054: 200 for $88.00

Rockgarden Mix - Small varieties for borders and rockgardens provide a season-long banquet of blooms. From the Jonquilla, Cyclamineus, Triandrus and Species classes. Z4-9, 4-16", ES-LS. Topsize by variety.

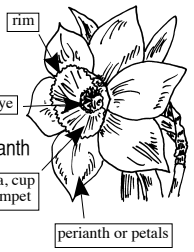
6061: 10 for $6.00 6062: 20 for $10.00
6063: 50 for $24.00 6064: 200 for $89.00

Landscape Mix - If you're looking for a large splash of springtime inspiration that will last year after year, dig into our Landscape Mix. Mostly Trumpets and Large Cups, perhaps with a few Doubles, for naturalizing and broad-swath daffodil borders. 12-18", ES-MS. Landscape size.

6071: 10 for $5.00 6072: 20 for $8.50
6073: 50 for $19.00 6074: 200 for $69.00

Divisions of **Narcissus** or **Daffodils**

All Narcissus are classified into one of 13 divisions. The first 12 are all daffodil cultivars, the last is botanicals. Defining features include the number of flowers per stem, the size and shape of the the flower's cup and the surrounding petals and the ratio between the two; or evidence of traits from a parent species.



division	name	flowers/stem	defining characteristics of flowers
1	Trumpet	1	corona (trumpet) as long as, or longer than, the perianth
2	Large Cup	1	corona (cup) more than 1/3 but less than the full length of the perianth
4	Double	1+	doubling of perianth or corona or both
5	Triandrus*	~2+	pendent flowers with reflexed (back-swept) perianth
6	Cyclamineus*	1	highly reflexed perianth, on a short neck (pedicel)
7	Jonquilla*	1-5	perianth spreading or reflexed, cup wider than long, fragrant
8	Tazetta*	~3-20	perianth segments spreading, not reflexed, fragrant
9	Poeticus*	1	disc-shaped white perianth, cup with a red rim and green or yellow eye; fragrant
11	Split Corona	na	includes Collar & Papillon (French for 'butterfly'); corona split more than half its length
12	Other	na	do not fit definition of any other division

*Cultivars in these classes show evidence of characteristics of parentage from that species, i.e. *N. triandrus, N. poeticus*.
Divisions not offered this year: 3, Small Cup; 10, Bulbocodium*; 13, Botanical.

— Short Narcissus —

'Topolino' - This tiny Trumpet is a standout miniature to place in the front of the border or in containers, where its classic trumpet shape will be seen. Petals open creamy white, turning bright white, with a long slim primrose-yellow fluted trumpet with a flaring frilly mouth. Z4-8, 6-8", ES-MS. 1W-Y.

6081: 5 for $5.90 *6082: 10 for $9.75*
6083: 25 for $22.75 *6084: 100 for $83.00*

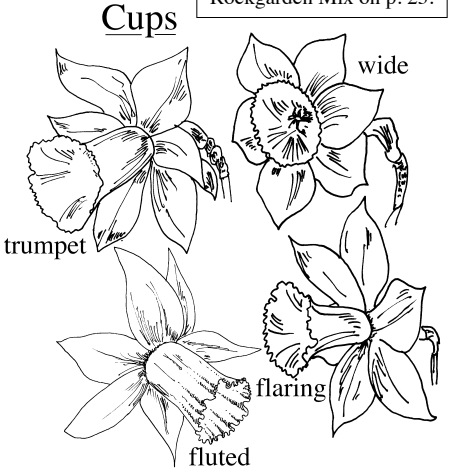
'Hawera' - Pale lemon-yellow miniature has 5-8 flowers per stem, cup slightly paler than perianth. Dainty pendent flowers have an airy delicate appearance that evokes graceful dancing fairies or butterflies. Sweetly scented, one of the smallest and most versatile narcissus. In a cool rainy year, can open very late. ADS miniature is named for the New Zealand town where the breeder was a doctor. 6-8", LS. 5Y-Y.

6091: 5 for $3.40 *6092: 10 for $5.60*
6093: 25 for $13.00 *6094: 100 for $45.00*

'February Gold' - Rich golden-yellow reflexed petals surround a deeper yellow long cylindrical ribbed cup with a notched and frilled rim. This award-winning heirloom from before 1923 is often the very first narcissus to bloom, in the garden or the sod, though not usually in February in Maine. At its best in cool weather, it also tolerates shade. 8-12", ES. 6Y-Y.

6101: 5 for $3.15 *6102: 10 for $5.25*
6103: 25 for $11.75 *6104: 100 for $41.00*

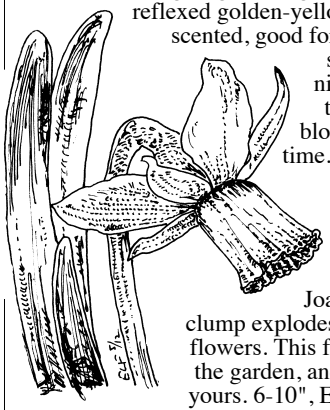
For more shorties, see the Rockgarden Mix on p. 23.



All Narcissus are Topsize bulbs except as noted.

- Topsize bulbs are the largest size available on the regular bulb market each season for each variety.
- Landscape size bulbs are smaller than topsize, but are not the smallest size.
- Exhibition size are developed to produce spectacular displays for spring flower exhibitions in Europe.

'Jetfire' - Long bright-orange ribbed cup, highly reflexed golden-yellow petals. Slightly scented, good for forcing, tolerates shade and makes a nice counterpoint to the large Trumpets blooming at the same time. Susan's first-year planting was as vigorous and floriferous as an established clump, and Joanna's 17-year-old clump explodes with hundreds of flowers. This fire really lights up the garden, and merits a place in yours. 6-10", ES. 6Y-O.



6111: 5 for $3.00 *6112: 10 for $5.00*
6113: 25 for $11.50 *6114: 100 for $39.00*

'Baby Moon' - Very fragrant lemon-yellow flowers, 2-5 per stem, with a small round cup. Naturalizes well, with grass-like leaves. ADS miniature has a strong resemblance to parent *N. jonquilla*. Z4-9, 6-8", LS. 7Y-Y.

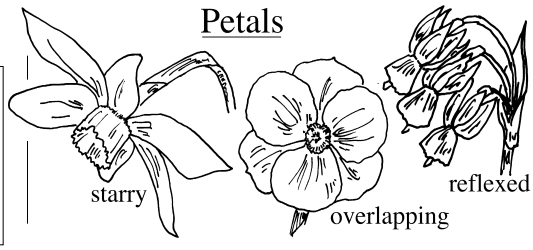
6121: 5 for $3.75 *6122: 10 for $6.35*
6123: 25 for $14.25 *6124: 100 for $51.00*

'Minnow' - Small flowers with buttercup-yellow cups; spreading petals are white to pale yellow, depending on weather and season. Usually 3-10 flowers per stem, but can be up to 20. Sweet fragrance, but nowhere near as strong as its cousins the Paperwhites. Tolerates shade. ADS miniature. Z5-9, 6-8", ES-MS. 8W-Y. ✦¢✦

6131: 5 for $2.40 *6132: 10 for $4.00*
6133: 25 for $9.00 *6134: 100 for $31.00*

'Tête-à-Tête' - Buttercup-yellow petals, slightly reflexed, with a deeper orange-yellow cup. Generally 2-3 flowers per stem. Very popular, vigorous, and easy to grow; good for forcing and naturalizing. The name is said to be a pun; a breeder named Tait provided the two varieties from which this was bred. ADS miniature registered in 1949. 6-8", ES-MS. 12Y-Y.

6141: 5 for $2.75 *6142: 10 for $4.60*
6143: 25 for $10.50 *6144: 100 for $35.00*



— Tall Narcissus —

'Dutch Master' - The Trumpet Master has large yellow petals and a straight trumpet with a flared and notched rim. 'King Alfred', introduced in 1899, has the name, but this 1938 intro is just as prolific and slightly taller, with a longer bloom time, and more flowers per bulb. Bloomed for nearly three weeks in the cool wet spring of 2011. 18-20", ES-MS. 1Y-Y.

Exhibition size **'Dutch Master'** - The case where bigger really is better. 18cm/up giant bulbs grown in the U.S. ✦¢✦

6151: 5 for $8.00 *6152: 10 for $13.60*
6153: 25 for $30.50 *6154: 100 for $108.00*

Topsize **'Dutch Master'** 16cm/up.

6161: 5 for $4.60 *6162: 10 for $7.60*
6163: 25 for $17.10 *6164: 100 for $59.00*

Landscape size **'Dutch Master'** 14-16cm.

6171: 10 for $5.00 *6172: 20 for $8.35*
6173: 50 for $18.75 *6174: 200 for $69.00*

'Foresight' - Soft white petals frame a rich butter-yellow trumpet. Strong grower, long-lived, great for naturalizing. 14-16", MS. 1W-Y. Landscape size. Eco-grown. **Maine Grown.**

6181: 5 for $6.00 *6182: 10 for $10.00*
6183: 25 for $24.00

'Holland Sensation' - Pure white petals with a giant golden-yellow flaring trumpet. Strong upward-facing blooms really stand out after most other trumpet narcissus have faded. 18-24", MS-LS. 1W-Y. **BACK!**

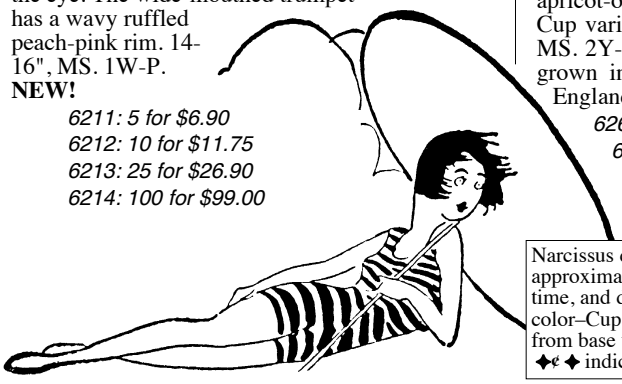
6191: 5 for $5.25 *6192: 10 for $8.70*
6193: 25 for $20.00 *6194: 100 for $73.00*

'Mt. Hood' - Opens creamy, turns to pure white in a day or two. Broadly overlapping petals and a wide-mouthed wavy-edged trumpet. From 1938, this classic Trumpet is also one of the finest white daffodils. Z3-6, 15-17", MS. 1W-W. ✦¢✦

6201: 5 for $4.75 *6202: 10 for $7.90*
6203: 25 for $17.75 *6204: 100 for $65.00*

'Pink Parasol' - Ivory white 4" petals surround a mostly soft pink corona that's almost orange in the eye. The wide-mouthed trumpet has a wavy ruffled peach-pink rim. 14-16", MS. 1W-P. **NEW!**

6211: 5 for $6.90
6212: 10 for $11.75
6213: 25 for $26.90
6214: 100 for $99.00



'Carlton' - Yellow petals back a deeper golden-yellow cup nearly long enough to be a trumpet. The world's most planted narcissus; also multiplies rapidly. Vanilla fragrance. 18-20", ES-MS. 2Y-Y. ✦¢✦

6221: 5 for $4.25 *6222: 10 for $7.10*
6223: 25 for $16.00 *6224: 100 for $57.00*

Landscape size '**Carlton**' 14-16cm.

6231: 10 for $6.90 *6232: 20 for $11.75*
6233: 50 for $29.00 *6234: 250 for $135.00*

'Cool Flame' - Ruffled coral-pink wide-flaring cup set off smartly against brilliant cool-white petals. Long flower stalks hold the flowers well above the foliage. Reliable, long-lived perennial, and fabulous for the vase. 16-18", MS. 2W-P.

6241: 5 for $6.00 *6242: 10 for $10.00*
6243: 25 for $24.00 *6244: 100 for $89.00*

'Fortissimo' - Huge golden-yellow overlapping petals with a giant-sized lightly frilled cup which opens apricot and turns deep burnished orange. Truly enormous flowers, and vigorous too, providing armloads for your vase and wows from your friends. 18-20", ES-MS. 2Y-O.

6251: 5 for $6.90 *6252: 10 for $11.75*
6253: 25 for $26.90 *6254: 100 for $103.00*

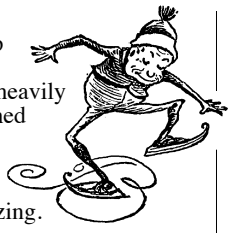
'Fortune' - Slightly pointy light butter-yellow petals surround the lightly frilled, finely ribbed apricot-orange cup. This strong popular Large Cup variety won its first award in 1923. 16-18", MS. 2Y-O. The first 150 bulbs sold will be Eco-grown in Maine; thereafter bulbs will be from England. Landscape size. **BACK!**

6261: 5 for $5.75 *6262: 10 for $9.60*
6263: 25 for $22.25
6264: 100 for $76.00

Tall Narcissus continued next page.

Narcissus descriptions end with USDA hardiness zones, approximate height at flowering time, relative bloom time, and division number (p. 23) with color code: Petal color–Cup color. More than one letter describes color from base to rim. **W**hite, **Y**ellow, **P**ink, **O**range, **R**ed. ✦¢✦ indicates an exceptionally good deal.

Tall Narcissus, continued.



'Ice Follies' - Very wide cup opens light greenish-yellow, soon becomes creamy white, heavily ribbed with a frilled and notched rim. Pure white perianth. This Large Cup is the second-most popular narcissus worldwide. Good for forcing and naturalizing. 16-18", ES-MS. 2W-W.

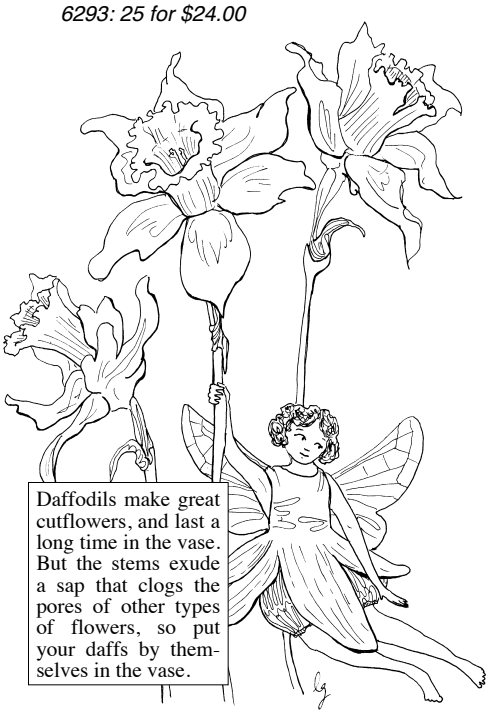
6271: 5 for $4.75 *6272: 10 for $8.00*
6273: 25 for $18.25 *6274: 100 for $63.00*

Landscape size '**Ice Follies**' for naturalizing, at an excellent price. 14-16cm. ✦¢✦

6281: 10 for $5.40 *6282: 20 for $9.00*
6283: 50 for $21.00 *6284: 200 for $72.00*

'Mrs RO Backhouse' - Curved delicate white petals, with a cup that starts as a warm butterscotch pink and turns peachy pink with a deeper pink rim, and fades off into blush. Registered in 1921, this Large Cup was the first real pink ever developed, and is still a stunner. 14-16", MS-LS. 2-W-P. Landscape size. Eco-grown. **Maine Grown.**

6291: 5 for $6.00 *6292: 10 for $10.00*
6293: 25 for $24.00



Daffodils make great cutflowers, and last a long time in the vase. But the stems exude a sap that clogs the pores of other types of flowers, so put your daffs by themselves in the vase.

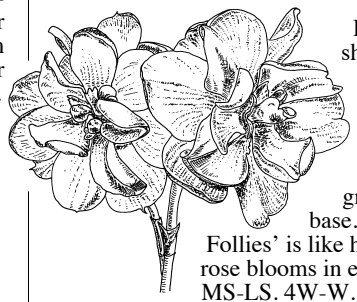
'St. Patrick's Day' - Broad overlapping yellow petals form a large 4" flower. Funnel-shaped ribbed cup with a slightly deeper yellow frilly rim. A bit of a lime-green eye peeks out and tinges the whole cup. 12-14", MS. 2Y-Y.

6301: 5 for $4.00 *6302: 10 for $6.60*
6303: 25 for $14.75 *6304: 100 for $52.00*

'Stella Superba' - Distinctly starry flowers open with soft yellow daisy-like petals surrounding a narrow yellow cup. Petals turn white as the bloom matures. Sara brought these lovelies to Maine in the early 1960s, and we listed them for years as **Sara's Stars**, and have finally found what we believe to be their true identity. Registered in 1899, won its first award in 1901. 12-14", MS. 2W-Y. Landscape size. Eco-grown. **Maine Grown.**

6311: 5 for $6.00
6312: 10 for $10.00
6313: 25 for $24.00

'Obdam' - One of the best of the doubles and Diana's favorite, named for a town in the province of Noord-Holland. Fragrant, showy 3-4" flowers open creamy with yellow highlights maturing to pure white with the slightest veins of green outside at the base. This sport of 'Ice Follies' is like having gardenia or rose blooms in early May. 16-18", MS-LS. 4W-W.



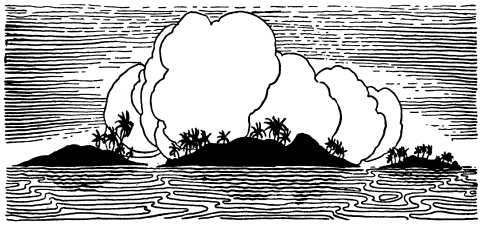
6321: 5 for $6.25 *6322: 10 for $10.50*
6323: 25 for $25.00 *6324: 100 for $88.00*

'Sir Winston Churchill' - Double flowers 3" across are full of creamy white petals interspersed with orange flecks. Fragrant blossoms come 3-5 per stem. A sport of 'Geranium' and a sturdy robust blast-resistant grower. Long-lasting in garden or vase. 14-16", MS. 4W-O.

6331: 5 for $4.25 *6332: 10 for $7.00*
6333: 25 for $16.00 *6334: 100 for $58.00*

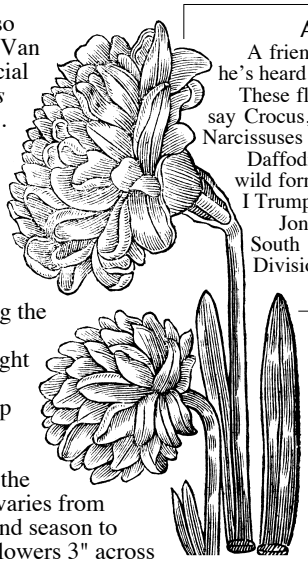
'Tahiti' - Rich golden-yellow doubled perianth layered with lush bright gold and red-orange segments. Large long-lasting blooms with standout color and fragrance come as close to tropical exuberance as you'll find in a New England spring. Bred in Ireland, 'Tahiti' is a classic worldwide. 14-18", MS-LS. 4Y-O. ✦¢✦

6341: 5 for $5.00 *6342: 10 for $8.50*
6343: 25 for $19.00 *6344: 100 for $69.00*



'Van Sion' - Also known as Double Van Sion, with an official name of *Narcissus telamonius plenus*. First described in 1629 by John Parkinson in *Paradisus Terrestris*. Narrow yellow petals with catchy green streaks along the exterior and base. Once the frilly bright golden-yellow highly doubled cup bursts open, the perianth is mostly overshadowed by the profusion, which varies from flower to flower and season to season. Fragrant flowers 3" across will naturalize once established in a happy location. Perhaps hardy to Zone 2. 14-16", MS. 4Y-Y. Eco-grown. **Maine Grown.**

6351: 5 for $6.50 *6352: 10 for $10.75*
6353: 25 for $25.75



'Yellow Cheerfulness' - Soft yellow gardenia-like double blooms, 2½" across, with subtle flecks of soft orange and a sublime scent. 2-4 per stem. Sport of 'Cheerfulness' introduced in 1937. 14-18", LS. 4Y-Y.

6361: 5 for $4.00 *6362: 10 for $6.60*
6363: 25 for $14.75 *6364: 100 for $54.00*

'Thalia' - Milky white throughout the delicate narrow reflexed petals and outward-facing ribbed cup with a wavy rim. Fragrant flowers and slender foliage. A favorite of many gardeners since its introduction in 1916, and one of the few white narcissus to open with no yellow tones. The "Orchid Narcissus" is less pendent than other Triandrus. The Greek muse of idyllic poetry, Thalia means "flourishing." Excellent for forcing. 12-16", MS-LS. 5W-W.

6371: 5 for $3.50
6372: 10 for $5.75
6373: 25 for $13.25
6374: 100 for $47.00

Discounts on orders received by August 15, 2014: **take 5% off at $100,** 10% off at $300, 12% off at $600, 15% off at $1000.

Are they Daffodils, Jonquils, or Narcissi?

A friend recently said he has been confused by the different terms he's heard.

These flowers are in the genus Narcissus, so using that, just like we say Crocus, Phlox, Cleome or Echinacea, is perfectly fine. Narcissus, Narcissuses and Narcissi are all acceptable as plurals.

Daffodil was first used in Wales and England to refer to certain wild forms. It is now used to refer either specifically to the Division I Trumpets, or more generally to any type of Narcissus.

Jonquil is also used for any type of Narcissus, especially in the South where jonquils thrive, or it is used to refer specifically to Division 7 cultivars.

So really, any of these terms is fine to use.

'Sweet Love' - Lovely American-bred Jonquilla with white petals and a soft yellow ribbed cup, deeper yellow in the eye, and an ivory-white wavy, split and overlapping rim. Sweet-smelling outward-facing flowers, 3-5 per stem. Narrow grass-like foliage. 12-16", MS. 7W-YYW. **NEW!**

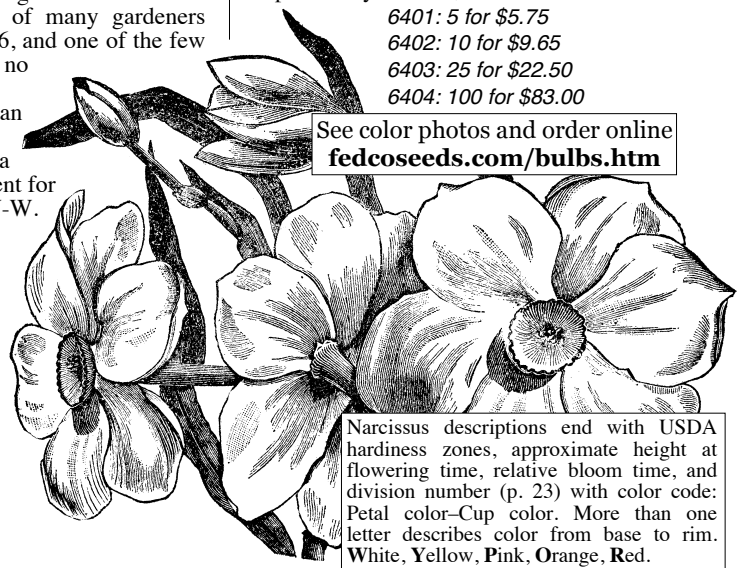
6381: 5 for $3.40 *6382: 10 for $5.60*
6383: 25 for $13.00 *6384: 100 for $44.00*

'Geranium' - Bright white overlapping petals with a small shallow vivid red-orange cup. Tazetta bred in 1930 forms heavy clusters of 3-6 outward-facing flowers. Prolific grower with sweet fragrance, excellent in garden or vase. Z3-9, 12-14", MS-LS. 8W-O.

6391: 5 for $3.75 *6392: 10 for $6.35*
6393: 25 for $14.25 *6394: 100 for $51.00*

'Actaea' - Vigorous heirloom Poeticus variety from before 1919. Rounded glistening white petals surround a small shallow red-rimmed yellow cup. Large flowers with sweet fragrance. Performs much better in cool climates than warm and tolerates damp places other narcissus can't. *N. poeticus* was described by Theophrastus and Virgil, and is the source of the narcissus oil used in perfumery. 16-18", MS-LS. 9W-YYR.

6401: 5 for $5.75
6402: 10 for $9.65
6403: 25 for $22.50
6404: 100 for $83.00



See color photos and order online
fedcoseeds.com/bulbs.htm

Narcissus descriptions end with USDA hardiness zones, approximate height at flowering time, relative bloom time, and division number (p. 23) with color code: Petal color–Cup color. More than one letter describes color from base to rim. **W**hite, **Y**ellow, **P**ink, **O**range, **R**ed.
✦¢✦ indicates an exceptionally good deal.

Miscellaneous Bulbs

is the name the Royal General Bulbgrowers Association in Holland (KAVB) gives to this large group of flowers. The expensive catalogs call them specialty or accent bulbs; some call them minor or dwarf bulbs (even though some of the Alliums and Fritillarias are huge!); Louise Beebe Wilder covers most of them in her 1936 classic *Adventures with Hardy Bulbs*. Whatever you call them, most are uncommonly sweet, delicate, colorful, and completely welcome in the spring.

Allium - Flowering Onion

Large genus characterized by small florets held in large or small, loose or tight umbels. Sweet-smelling blooms make great fresh cutflowers or dried winter arrangements whether you cut them before or after the green seed pods begin to form. Likes full sun and well-drained soil. Most repel pests, but only when crushed do they smell like onion.

LOW-GROWING ALLIUMS 6-16".

A. caeruleum - **Blue of the Heavens** - Syn. *A. azureum*. Gorgeous flax-blue florets form 1½" dense umbel. Hardy variety from Siberia gradually forms large clumps. Feed in early spring to promote leaf growth; leaves die back in spring before flowering begins. Z3-8, 12-16", LS-ESu. 5cm/up.

7011: 10 for $4.00 *7012: 20 for $6.75*
7013: 50 for $15.00 *7014: 200 for $53.00*

A. moly - **Lily Leek** or **Golden Garlic** - Formerly *A. luteum*. Bright yellow 2-3" umbel naturalizes easily in sunny borders, rock gardens, light woods and under shrubs. Produces many bulblets which mature quickly. Grows wild in southern Europe where it was used for centuries as a talisman. Z3-8, 6-8", LS-ESu. 5cm/up.

7021: 10 for $2.70 *7022: 20 for $4.25*
7023: 50 for $10.25 *7024: 200 for $30.00*

See color photos and order online
fedcoseeds.com/bulbs.htm

A. neapolitanum
Naples Onion or
Daffodil Garlic

This pure white fragrant bloomer with 2" loose umbels grows just to 12". It can be forced, to be enjoyed indoors in winter, or grown outdoors in borders or pots. Feed as soon as greens appear, as leaves fade before flowering begins. Native to nearly all the lands surrounding the Mediterranean. With protection, Z5-8, 10-12", LS-ESu. 4cm/up.

7031: 10 for $2.70 *7032: 20 for $4.25*
7033: 50 for $10.25 *7034: 200 for $29.00*

A. oreophilum - **Pink Lily Leek** or **Mountain Onion** - Formerly *A. ostrowskianum*. Bright fuchsia-rose florets with darker midribs are held in a 2" umbel. The florets, larger than those of most allia, are lightly fragrant. One of the finest dwarfs. Z3-8, 8-10", LS-ESu. 5cm/up. ✦¢✦

7041: 10 for $2.50 *7042: 20 for $4.25*
7043: 50 for $10.00 *7044: 200 for $28.00*

Small Allium Mix - Our own fragrant mix of three of the smaller alliums, in yellow *(A. moly)*, rose *(A. oreophilum)*, and white *(A. neapolitanum)*. All will spread in time. Z3-8, 6-16", LS-ESu. 4cm/up.

7051: 10 for $2.70 *7052: 20 for $4.25*
7053: 50 for $10.25 *7054: 200 for $29.00*

MEDIUM-HEIGHT ALLIUMS 14-36".

A. christophii - **Star of Persia** - Formerly *A. albopilosum*. The largest flower of the genus, though not as dense as others, giving it a light airy appearance. 8-12" spheres of silvery pink-violet starry florets stand out in the garden; also excellent for cutting. Z4-8, 18-24", LS-ESu. 12-14cm.

7061: 3 for $3.00 *7062: 6 for $5.00*
7063: 12 for $9.00 *7064: 48 for $29.00*

A. 'Graceful' - White mid-height allium hardy enough to thrive in a Zone 4 climate. 2" balls laden with six-pointed florets and gossamer-thin pink anthers and stamens give 'Graceful' a delicate pink aura en masse. Z4-9, 14-18", LS-ESu. 6cm/up.

7071: 5 for $4.75 *7072: 10 for $8.00*
7073: 25 for $18.25 *7074: 100 for $65.00*

A. x hollandicum 'Purple Sensation' - Formerly *A. aflatunense*. Dense 3-4" ball of deep violet-purple florets. Wonderful as a cutflower, or lined along a walkway, or grouped in a border. Z4-8, 24-36", LS-ESu. 12cm/up.

7081: 10 for $7.00 *7082: 20 for $11.50*
7083: 50 for $27.00 *7084: 200 for $95.00*

A. siculum - **Mediterranean Bells** or **Sicilian Honey Garlic** - Formerly *Nectaroscordum siculum*, this rugged beauty bears up to 30 delicate pendulous bell-shaped 1/2-1" flowers on 2" weeping umbels from the top of slightly arching stems. The cream-colored florets are tinged purplish-rose, and make an excellent companion to lavender or purple tulips. Sharply keeled 12-16" blue-grey twisting basal leaves smell of garlic only when crushed. Plant in sun to semi-shade. Native to Sicily, southern France and Italy. With protection, Z5-9. 24-36", LS-ESu. 8-10cm. ✦¢✦

7091: 5 for $2.00 *7092: 10 for $3.25*
7093: 25 for $8.00 *7094: 100 for $25.00*

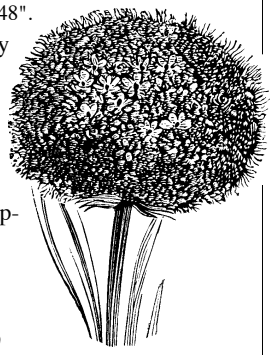
A. sphaerocephalon - **Drumsticks** - Dense ovoid 1-2" heads have a haunting color that's hard to describe: burgundy, dark reddish maroon, or maybe violet-red. Blooms have lasted nearly a month in a cool moist spring. Wonderful with daylilies. Native to North America. Z3-8, 20-30", MSu. 5cm/up.

7101: 10 for $2.60 *7102: 20 for $4.30*
7103: 50 for $10.25 *7104: 200 for $32.00*

Wild About Alliums Mix - Five or more kinds of medium to medium-tall alliums in colors of violet, purple, blue and white; 2-4" sweet-scented umbels in early summer, 16-33". Topsize bulbs.

7111: 10 for $5.25 *7112: 20 for $8.75*
7113: 50 for $20.00 *7114: 200 for $74.00*

TALL ALLIUMS 36-48".



A. giganteum - Densely packed 5-6" head of violet-purple florets opens at the top of a 3 1/2-4' sturdy flower stalk. The tallest allium, it needs shelter from strong winds. 40-48". LSp-ESu. 20cm/up. **NEW!**

7121: 1 for $4.00
7122: 2 for $6.75
7123: 3 for $9.00
7124: 12 for $32.00

'Globemaster' - Hybrid of *A. christophii*. Hundreds of deep lilac florets form a dense 6-8" ball. Spectacular long-lasting sterile flower attracts raves. Makes a remarkable dried flower for winter arrangements. Z4-8, 30-40", LS-ESu. 20cm/up.

7131: 1 for $8.00 *7132: 2 for $14.50*
7133: 3 for $20.00 *7134: 12 for $75.00*

'Mount Everest' - Like a giant 6" snowball. Sturdy, vigorous, and long-lasting, it's the best all-white allium. Really shines. A pure white form of 'Mars', itself a selection from *A. stipitatum*. Z4-8, 36-48", LS-ESu. 18cm/up.

7141: 1 for $4.25 *7142: 2 for $7.00*
7143: 3 for $9.50 *7144: 12 for $33.00*

Anemone blanda
Grecian Windflower

Small enchanting daisy-like flowers with 10-15 petals around yellow centers, with fern-like leaves. Does well as a ground cover in light shade and under deciduous trees. Easy to grow, forms compact clusters. To break dormancy, soak corms in warm water for 24 hours before planting 1 1/2-2" deep. Wild in southeastern Europe and Turkey, in scrub meadows and rocky crevices. Z5-9, 3-6", ES. 5cm/up.

A. b. 'Blue Shades' - Rich mixed shades of blue and violet.

7151: 10 for $3.90 *7152: 20 for $6.50*
7153: 50 for $14.75 *7154: 200 for $51.00*

A. b. mix - Lovely mix of blue, pink and white. ✦¢✦

7161: 10 for $2.75 *7162: 20 for $4.60*
7163: 50 for $10.50 *7164: 200 for $35.00*

Arum italicum subsp. italicum **'Marmoratum'**
Italian Arum or Italian Lords-and-Ladies

A showy spike of berries, which start green and turn orange then red in late summer, is the final event for this three-season performer. In spring, 10-14" arrowhead-shaped glossy green leaves with cream-colored veins emerge, followed in early summer by a pale greenish-yellow cape-like flower hood called a spathe, itself 6-16" long. The yellow flower stalk, or spadix, contains many tiny pale flowers tightly packed on the stalk, which give way to those tightly packed berries. Related to our native Jack-in-the-Pulpit. Plant rhizomes 4-6" deep in well-drained rich moist soil, in partial shade to dappled sun. With protection, Z5-9, 12-18". Topsize.

7171: 5 for $5.00
7172: 10 for $8.00
7173: 25 for $19.00
7174: 100 for $68.00

At the end of each heading or description are USDA hardiness zones, approximate height at flowering time, relative bloom time (VE, very early spring; ES, early spring; MS, mid-spring; LS, late spring; Su, summer; ESu, MSu, LSu), and bulb size. ✦¢✦ indicates an exceptionally good deal.

Camassia quamash
Indian Hyacinth
Formerly *C. esculenta*. Full yet loose spikes of slender-petaled starry blossoms do well around ponds, in moist areas of light woods and the garden. Violet-blue flower cones on strong stalks. A staple of the Nez Perce diet. Sacajawea dug the roots to help keep the Lewis & Clark expedition alive. Likes sun to partial shade. Blooms after most spring flowers are gone but before early summer flowers peak. Z3-8, 12-16", LS-ESu. 5cm/up.

7181: 10 for $4.25 *7182: 20 for $7.00*
7183: 50 for $16.00 *7184: 200 for $57.00*

Chionodoxa - Glory of the Snow
Starlike flowers with white centers, 3-10 per raceme; tend to grow on one side of the stem. Does well in shade, woodland gardens and short grass as well as full sun; can eventually form colonies. Native to woods and mountains of Crete, Cyprus and western Turkey. Z3-8, 4-8", ES. 5cm/up.

C. forbesii - Formerly *C. luciliae*, *C. gigantea*. Soft medium blue petals, with white centers. This plus *Scilla siberica* creates a stunning blue lawn for two weeks in spring.

7191: 10 for $2.40 *7192: 20 for $4.00*
7193: 50 for $9.25 *7194: 200 for $31.00*

C. f. 'Alba' - Long-lasting all-white flowers. A lovely complement to one of the colored varieties, or wonderful in a mini-vase.

7201: 10 for $3.60 *7202: 20 for $6.00*
7203: 50 for $13.75 *7204: 200 for $48.00*

C. f. 'Pink Giant' - Blushing pink with white centers, sometimes bright pink at the edges.

7211: 10 for $3.40
7212: 20 for $5.60
7213: 50 for $13.00
7214: 200 for $43.00

C. sardensis - Similar to *C. forbesii*, but a deeper flax blue and a smaller white eye. Slightly more diminutive but with more flowers and more color effect overall. Slightly longer and later bloom time. 3-6", ES-MS.

7221: 10 for $5.50
7222: 20 for $9.15
7223: 50 for $20.60
7224: 200 for $72.00

Discounts on orders received by August 15, 2014: **take 5% off at $100,** 10% off at $300, 12% off at $600, 15% off at $1000.

Cyclamen coum - Hardy Cyclamen
Reflexed and twisting pink petals seem to hover just above the foliage. In early spring, 1/2" flowers bloom in varying shades of pink. Beautiful rounded to kidney-shaped to heart-shaped dark green leaves are often spackled silver. Spring-flowering coum prefers partial shade. (Not to be confused with *C. hederifolium*, also called hardy cyclamen or ivy-leaved cyclamen, which blooms in late summer.) Native to mountains along the Black Sea. Z5-9, 3-5", ES. 13-15cm.

7231: 3 for $9.75 *7232: 6 for $15.60*
7233: 12 for $29.00 *7234: 24 for $54.00*

Dichelostemma ida-maia
California Firecracker or Firecracker Flower
Formerly *Brodiaea ida-maia*. Bright red tubular flower with green tips that roll back to reveal its staminodes. Nodding 1" flowers hang in a cluster from the end of its 1-2 1/2' flower stalks. Plant corms 2-3" deep after an overnight soak; prefers a dry dormant period after flowering. Move containered plants to a 40-45° location to overwinter. Native to dry western U.S. grasslands. With protection, Z5-10, 24-30", LS-ESu. 5cm/up.

7241: 10 for $6.90 *7242: 20 for $11.75*
7243: 50 for $26.90 *7244: 200 for $97.00*

Eranthis hyemalis - Winter Aconite
Bright buttercup-yellow flowers with frilly green collar which opens bronzy. Very similar to *E. cilicica* but slightly later, leaves more deeply dissected. Good naturalized under deciduous trees and shrubs, can spread by seed. Prefers slightly alkaline, humusy moist soil in sun or dappled shade. Tolerant of frosts and late snow. Soak corms before planting. Z5-7, 2-4", VE. 4cm/up.

7251: 10 for $4.40 *7252: 20 for $7.70*
7253: 50 for $17.50 *7254: 200 for $61.00*

Erythronium 'Pagoda'
Trout Lily

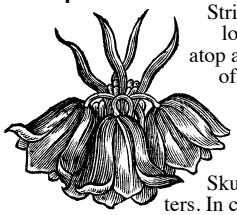
Small graceful lily-like flowers, lemon yellow with brown spots. 2-10 blooms per plant. Mahogany-mottled soft green foliage. 'Pagoda' is a robust hybrid of two California species. Thrives in shady areas, in woodlands or under shrubs. May take a year or two to settle in before flowering; may spread to form colonies. Plant in rich soil high in organic matter about 4" apart. Z4-8, 6-12", MS. #1 transplants.

7261: 3 for $5.00 *7262: 6 for $8.50*
7263: 12 for $16.00 *7264: 48 for $58.00*

Fritillaria - Fritillary or Mission Bells

Unmistakable bell-like flowers in a variety of colors, often with the subtle checkered pattern that gives rise to the name of the genus (*fritillus* is a dice-box, in Latin).

F. imperialis - Crown Imperial



Striking cluster of 3-6 bells, 2-3" long, hangs from a leafy crown atop a tall spike. Large basal whorl of glossy leaves. Likes full sun, requires good drainage. Plant bulb sideways to prevent crown rot. Can be very long-lived if left undisturbed. Skunky odor of bulbs repels critters. In cultivation since 1500s, native northern India to Iran. Z5-7, 26-30", MS. 20cm/up.

'Aurora Maxima' - Orange to the max in this deep reddish-orange variety in the 'Maxima' series.

7271: 1 for $6.30 *7272: 2 for $10.50*
7273: 3 for $14.75 *7274: 12 for $52.00*

'Lutea Maxima' - Clear lemon-yellow flowers with light purple veining.

7281: 1 for $6.40 *7282: 2 for $10.75*
7283: 3 for $14.90 *7284: 12 for $53.00*

F. meleagris - Guinea-Hen Flower, Checkered Lily, or Snake's Head Fritillary

Checkered 1½" flowers are usually plum or bronze, but some are lilac-pink or white. Delicate single bells hang on slender grey-green grasslike stems. Will spread in a well-drained sheltered spot; also suitable in borders, grassy or humusy areas. Native to Europe and grows all over in meadows and along streams. Z3-8, 10-14", MS. 6cm/up.

7291: 10 for $4.40
7292: 20 for $7.70
7293: 50 for $17.50
7294: 200 for $61.00

See color photos and order online
fedcoseeds.com/bulbs.htm

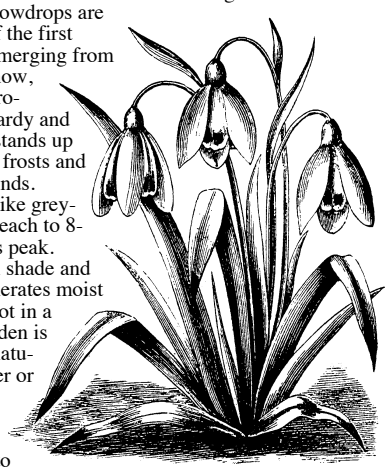
F. persica - Persian Bells or Persian Lily

Dusky plum-purple bell-shaped 2-3" slender flowers on tall spikes, shaped sort of like a dark foxglove. Bright silvery-green foliage. Light sweet smell, unlike some other Fritillarias, but still unattractive to deer. Handsome in groups, but as the attractive flowers can be difficult to see against a dark background, plant them among yellow, pink or white tulips or other light-colored plants, or in front of a light-colored building. Native to southern Turkey, western Iran, Iraq, Israel and Jordan. With protection, Z5-8, 24-40", MS. 20-22cm.

7301: 1 for $6.20
7302: 2 for $10.40
7303: 3 for $14.50
7304: 12 for $51.00

Galanthus - Snowdrops or Milk Flower

Delicate frosty white 3-petaled bells with a touch of emerald green on the shorter inner segments. Winter Aconite or Snowdrops are usually one of the first signs of life emerging from the melting snow, even before crocuses. Very hardy and long-lasting, stands up to late snows, frosts and stiff spring winds. Fleshy grass-like grey-green leaves reach to 8-10" as flowers peak. Prefers partial shade and heavy soil, tolerates moist soil; a cool spot in a woodland garden is perfect. Can naturalize in border or lawn. Grows wild in open woods from the Pyrenees to the Caucasus. Z3-8, 4-8", VE.



G. nivalis - Garden Snowdrop

These delicate single flowers are a well-known and delightful sign that spring is coming. 5-6cm. ✦¢✦

7311: 10 for $6.10 *7312: 20 for $10.25*
7313: 50 for $24.50 *7314: 200 for $88.00*

G. nivalis var. Flore Pleno - Double Snowdrop

Fully doubled wide-spreading flower bell is completely filled with petals. Sterile, increases from offsets. This charming variety really packs the petal power! 5cm/up.

7321: 5 for $6.40 *7322: 10 for $10.60*
7323: 25 for $25.25 *7324: 100 for $89.00*

Hyacinthoides - Bluebell

Similar to Scilla, but taller and later-blooming, with larger bell-shaped pastel flowers on graceful racemes. Self-seeds and forms new bulbs each year to replace old ones that shrivel. Gardeners occasionally experience skin irritations on contact with flowers or foliage. Bluebells tolerate shade, moisture and a wide range of soils, also do well in full sun. Native to deciduous woodlands and moist meadows in W. Europe and N. Africa.

H. hispanica mix
Spanish Bluebell or
Wood Hyacinth

Nodding clusters of lovely 3/4" bells with wide mouths and reflexed tips on all sides of sturdy stems. Pastel mix of blue, pink, and white make good cutflowers. The late-spring blooms are also excellent for hiding foliage of early bulbs. Native to Spain and Portugal. Z3-9, 8-12", LS. 8cm/up.

7331: 10 for $5.00 *7332: 20 for $8.00*
7333: 50 for $19.00 *7334: 200 for $71.00*

H. non-scripta - English Bluebell

Violet-blue flowers, sweetly scented, with 1/2-3/4" petals, narrower than *H. hispanica*, with curled-back tips. Arching racemes with flowers on one side grow 4-8" above glossy green leaves. Native to W. Europe and England, where bluebells bloom under deciduous trees not yet leafed out to form beautiful "bluebell woods." Z5-8, 12-18", MS. 6cm/up.

7341: 10 for $6.75 *7342: 20 for $11.50*
7343: 50 for $27.00 *7344: 200 for $95.00*

Ipheion uniflorum - Spring Starflower

Formerly *Tritelia uniflora*. Starry 1" flowers, strongly honey scented. Several single-flowered stems arise from each critter-resistant tuber. Easy and attractive, performs best when slightly crowded. Grass-like leaves emerge in fall, make good edging, and smell like garlic only when crushed. Excellent in rock garden or front of the border, good in pots or naturalized in moist but well-drained soil, full sun to partial shade. Native to Uruguay and Argentina. Z5-10, 4-6", MS-LS. 3cm/up.

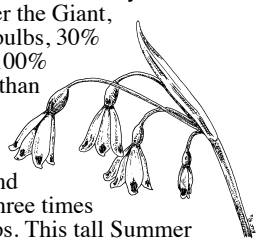
I. uniflorum Color develops from pale blue to soft violet with darker midribs.

7351: 10 for $2.85 *7352: 20 for $4.75*
7353: 50 for $10.75 *7354: 200 for $37.00*

I. u. Mix - Sweetly scented low-growing flowers in a mix of colors: pale blue, medium blue, yellow, bluish-white and violet. ✦¢✦

7361: 10 for $2.75 *7362: 20 for $4.60*
7363: 50 for $10.50 *7364: 200 for $35.00*

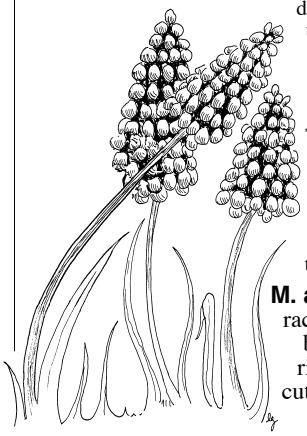
Leucojum aestivum var. Gravetye Giant
Summer Snowflake or Lodden Lily



Again this year we offer the Giant, which has 20% larger bulbs, 30% taller plants and up to 100% more flowers per stem than the plain species for only 10% higher cost. Same pure white bells with scalloped edges and green spots and up to three times the height of Snowdrops. This tall Summer Snowflake has 5-9 faintly violet-scented flowers per stem, reminding us of giant lilies-of-the-valley. Blooms for several weeks. Will spread in a damp—but not wet—location; prefers heavy soil and bright light, but not direct sun. Species is native from Ireland to the Caucasus. Z4-9, 18-36", LS. 12-13cm.

7371: 5 for $5.40 *7372: 10 for $9.00*
7373: 25 for $21.00 *7374: 100 for $75.00*

Muscari - Grape Hyacinth



Distinctive pyramidal spikes of fragrant long-lasting densely packed bells, like upside-down grape clusters. Makes attractive borders, edging, or brightly colored filler between other bulbs. They thrive and increase except in damp or shady areas. Divide when dormant in summer. Do not cut their autumn leaves or they will lose vigor.

M. armeniacum - Long racemes of bright cobalt blue with subtle white rims; good for forcing, cutting, naturalizing and filling in the border. Fragrant. The most commonly grown grape hyacinth and a great counterpoint to red, yellow, white, salmon, peach.… Z4-9, 6-8", MS. 8-9cm.

7381: 10 for $2.30 *7382: 20 for $3.80*
7383: 50 for $8.75 *7384: 200 for $29.00*

M. botryoides 'Album' - Pearls of Spain - Sweetly perfumed pure white bells. Slender racemes show best when closely planted. Z3-8, 4-6", MS. 6cm/up. ✦¢✦

7391: 10 for $4.00 *7392: 20 for $6.60*
7393: 50 for $14.75 *7394: 200 for $52.00*

M. latifolium - Tall, with a large dense bicolor flower; top third is deep sky-blue fading to lilac, the bottom is dark violet. Unusual single side leaf. The earliest of all Muscari, and our second-best-selling variety. Every year we enjoy these more. Z2-6, 8-12", ES-MS. 5-6cm.

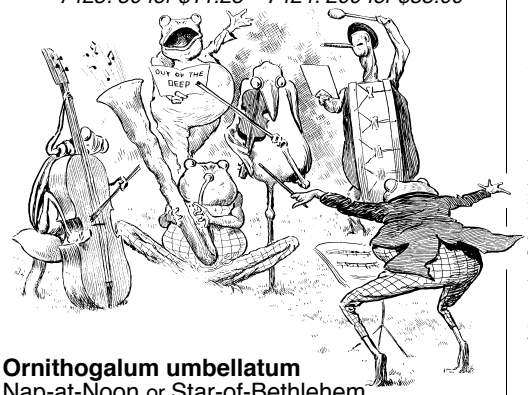
7401: 10 for $2.95 *7402: 20 for $4.90*
7403: 50 for $11.25 *7404: 200 for $38.00*

M. macrocarpum 'Golden Fragrance'
"Yellow grape hyacinths?" you say, "can't be!" These are bright yellow but look a bit like bunches of teensy bananas. Florets are tipped a pale lilac, and the 'Fragrance' in their name is real, an added perk. Prefers dry heat during dormancy and needs winter protection in coldest zones. Sales didn't really warrant it, but they're so wonderful I can't resist offering it just once more. Z6-8, 6-8", MS. 9cm/up.

7411: 5 for $6.75 *7412: 10 for $11.50*
7413: 25 for $27.00 *7414: 100 for $95.00*

Muscari Bluezz Mix - A jazzy little quintet of blue and white. Contains *Muscari armeniacum*, *M. botryoides* 'Album', *M. latifolium*, plus chunky double *M. a.* 'Blue Spike'and a tricolor of pale blues, *M. a.* 'Peppermint'. Z4-6, 4-12", ES-MS. 6-8cm,

7421: 10 for $2.95 *7422: 20 for $4.90*
7423: 50 for $11.25 *7424: 200 for $38.00*

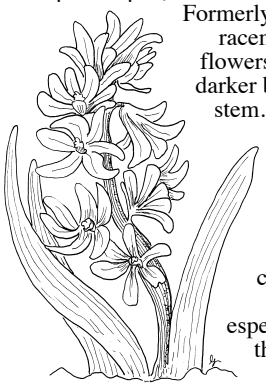


Ornithogalum umbellatum
Nap-at-Noon or Star-of-Bethlehem
Delicate 3/4" star-shaped flowers, white with a green rib on the outside. 6-20 florets per bulb. Hardy and easy; great for a rockgarden or naturalizing, increases from bulb and by seed. Native to Europe and North Africa. Z4-10, 4-12", LS-ESu. 5cm/up.

7431: 10 for $4.10 *7432: 20 for $6.85*
7433: 50 for $15.50
7434: 200 for $53.00

Discounts on orders received by August 15, 2014: **take 5% off at $100,** 10% off at $300, 12% off at $600, 15% off at $1000.

Puschkinia scilloides
Striped Squill, Snowdrift or Early Stardrift



Formerly *P. libanotica*. Compact racemes of white to pale blue flowers, each petal striped with darker blue. 4-10 open bells per stem. Plant in full sun or light shade as drifts, in borders, or under trees. Very hardy and easy to naturalize. For some it spreads slowly, others find it quickly forms colonies. Native from the Caucasus to Lebanon, especially in grasslands near the snow line. Z3-8, 4-6", ES. 5cm/up.

7441: 10 for $2.95 *7442: 20 for $4.90*
7443: 50 for $11.25 *7444: 200 for $38.00*

Scilla - Squill
Very hardy genus of nodding bells and upright stars. May be the most shade-tolerant bulb but also performs well in sun. Freely produces seed and spreads readily.

S. bifolia 'Rosea' - Twin-Leaf Squill
Soft pink starry flowers with pale centers face upward in clusters on 4" stalks. Up to 10 tiny flowers per stem. Long narrow channeled leaves. Earliest to bloom of all the scilla, and lovely dancing in the spring wind. Prefers a cool spot. Ten years after the initial planting, Gene was thrilled to discover clumps that had obviously spread by seed. Very popular in its native Europe. Z4-8, 4-6", VE. 5cm/up.

7451: 10 for $5.90
7452: 20 for $9.75
7453: 50 for $22.75
7454: 200 for $79.00

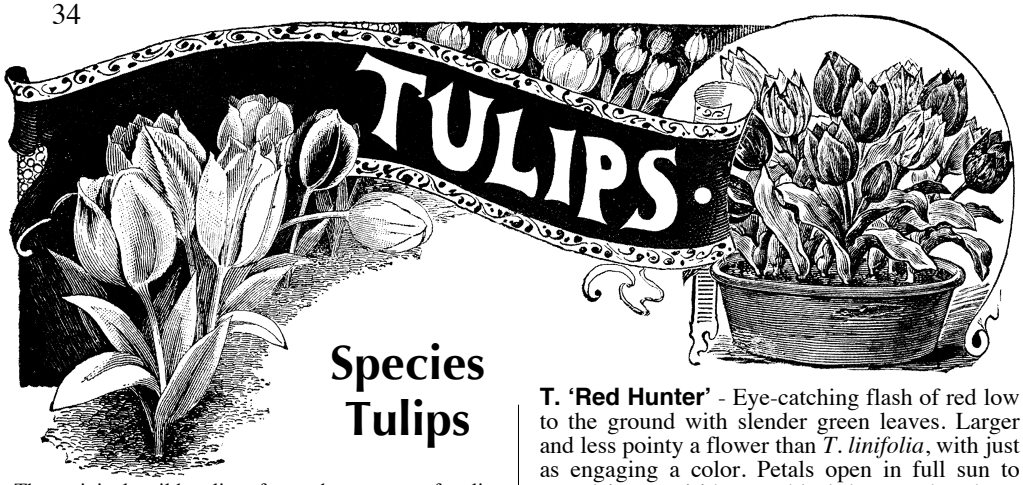
S. siberica
Siberian Squill
Loose clusters of delicate pendent to upright bells with a very long bloom time. Prefers cool places, under shrubs, in short grass. Excellent naturalizer, amazingly hardy, very prolific, can form great drifts. Z2-8, 6-8", ES.

Scilla siberica - Bright flax-blue bells. Lightly scented. 7-8cm.

7461: 10 for $3.15 *7462: 20 for $5.25*
7463: 50 for $11.80 *7464: 200 for $41.00*

S. siberica 'Alba' - Pure white. More gardeners should try this lovely white naturalizer. 8cm/up.

7471: 10 for $5.35 *7472: 20 for $8.90*
7473: 50 for $20.50 *7474: 200 for $71.00*



Species Tulips

The original wild tulips from the center of tulip diversity in central Asia, and their cultivars which still have a "wild" look, form Tulip Division 15. All our stock is nursery-propagated from commercial sources and is not collected in the wild. Once established with good drainage, these tend to perennialize or naturalize, unlike many of the big hybrid tulips. Not tall, showy or formal, they have their own halfling charms. Topsize bulbs vary in size according to species.

T. batalinii 'Bronze Charm' - Soft sulphur yellow becoming subtly flushed with apricot. Delicate 2" miniature has more classic tulip shape than other species tulips. Light fragrance. Wavy leaves with red margins in a rosette. Z3-8, 4-6", MS-LS, 6cm/up.

8011: 5 for $2.00 *8012: 10 for $3.50*
8013: 25 for $8.50 *8014: 100 for $27.00*

T. clusiana - Peppermint Stick or Lady Tulip Pointed petals are white inside with a dusty crimson-pink exterior edged with white. When closed morning, evening and cloudy days, looks like candy. Opens wide in the sunshine to a big white star. One or two flowers per bulb. A good perennializer if left undisturbed. Species native to the Himalayas. Z4-8, 8-12", MS, 7cm/up. ✦¢✦

8021: 5 for $3.00 *8022: 10 for $5.00*
8023: 25 for $11.50 *8024: 100 for $38.00*

T. humilis 'Persian Pearl' - Dusky magenta outside, lightly veined green. Inside deep violet-magenta with a bright yellow base. Opens wide in sun offering cheery color and sweet scent. Species native to mountains of Kurdistan. Z4-8, 4-8", ES-MS, 6cm/up.

8031: 5 for $2.00 *8032: 10 for $3.50*
8033: 25 for $8.50 *8034: 100 for $27.00*

T. linifolia - Fluorescent scarlet pointed petals on a purple-black base. Possibly the brightest red tulip. Petals open fully in sun, close at night. Red-edged very wavy grey-green basal leaves. Attracting attention since 1884. Z4-8, 6-8", MS-LS, 5cm/up.

8041: 5 for $2.90 *8042: 10 for $4.75*
8043: 25 for $11.00 *8044: 100 for $38.00*

T. 'Red Hunter' - Eye-catching flash of red low to the ground with slender green leaves. Larger and less pointy a flower than *T. linifolia*, with just as engaging a color. Petals open in full sun to reveal intense iridescent black base and anthers. Z3-8, 6-8", M-LS, 6cm/up. **NEW!**

8051: 5 for $3.00 *8052: 10 for $5.00*
8053: 25 for $11.50 *8054: 100 for $39.00*

T. saxatilis - Pointed lilac-pink petals with a prominent yellow base. 1-3 flowers per stem, long bright-green shiny leaves. Very easy to grow, spreads by runners. Likes hot summers, doesn't mind rocky ground or poor soil. Native to Crete. Z4-10, 6-8", LS, 6cm/up.

8061: 5 for $3.15 *8062: 10 for $5.25*
8063: 25 for $11.80 *8064: 100 for $41.00*

T. tarda - Syn. *T. dasystemon* - Star-shaped yellow flowers with white tips, outside white flushed with purple. Opens wide even on grey days. Very multi-floral, 4-6 flowers per bulb. Wonderful rosette of wavy basal leaves. Very long-lived. One of the easiest to grow, spreads readily, even on the shady north side of the house. Z3-8, 4-5", MS, 8cm/up. ✦¢✦

8071: 5 for $2.00 *8072: 10 for $3.50*
8073: 25 for $8.50 *8074: 100 for $27.00*

T. turkestanica - One of the earliest tulips to bloom. Graceful pendent flowers, up to 5 per stem, sway along slender stems like wildflowers dancing in the breeze. White petals with yellow centers, flushed greyish violet outside. Flowers close up at night and on cloudy days. Very easy to grow. Native to eastern Tian Shan mountains. Z4-8, 6-8", ES-MS, 5cm/up.

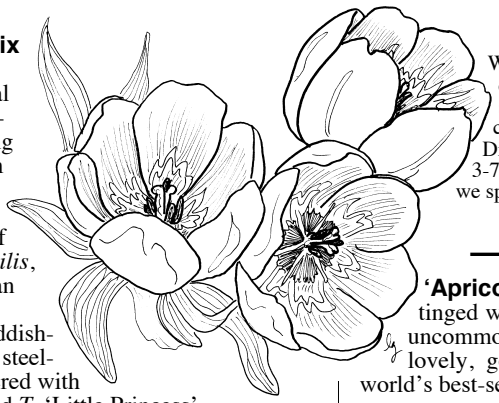
8081: 5 for $2.00 *8082: 10 for $3.50*
8083: 25 for $8.50 *8084: 100 for $26.00*

T. vvedenskyi 'Tangerine Beauty' - More like a reversed blood orange with its mix of such rich color. Brilliant scarlet-orange along the edge sensually suffuses to a lighter orange at the center of each petal. Slightly twisting, slightly reflexed 2" petals open wide in full sun above broad blue-green foliage. Z3-8, 7-9", MS-LS, 10cm/up.

8091: 5 for $3.50 *8092: 10 for $5.75*
8093: 25 for $13.25 *8094: 100 for $46.00*

Garden Tulips

Wonderful massed or as accents, these colorful flowers are highlights of spring. Most varieties are also good for cutting, and many are good for forcing. Division 1-14 tulips all grow in Zones 3-7. Topsize bulbs, 12cm/up, except where we specify Jumbo.



Little Stars Rockgarden Mix
Cheerful star-shaped multifloral tulips whose low-growing spreading habits make them perfect for a rock garden. Contains a mix of *T. tarda*, *T. saxatilis*, *T. humilis* 'Persian Pearl', *T.* 'Little Beauty' (deep reddish-pink petals and a steel-blue center bordered with a lighter ring), and *T.* 'Little Princess' (burnt orange blushed with pink, a black center, edged yellow), and other little stars. Z4-8, 4-6", ES-LS, 6cm/up.

8101: 10 for $4.10 *8102: 20 for $6.85*
8103: 50 for $15.30 *8104: 200 for $55.00*

Botanical Tulip Collection - Sixty bulbs, six different species of tulips to ensure color throughout the spring and for years to come in rock gardens or "close-by" borders. Ten each of *T. batalinii* 'Bronze Charm', *T. humilis* 'Persian Pearl', *T. linifolia*, *T. saxatilis, T. tarda*, and *T. turkestanica*, individually packaged and labeled. See descriptions opposite for color details. Plants 5-6 sq. ft. Z4-8.

8111: 1 for $22.00 *8112: 2 for $42.00*

Tulip Classes

Div1 Single Early Cup-shaped long-lasting flowers. The oldest class of cultivars. Good for forcing. ES.
Div2 Double Early Semi- to fully double ruffled flowers on short sturdy stems. ES.
Div3 Triumph Cup-shaped flowers in the largest palette of colors. The best class for forcing. Foliage dies back early; easily removed or overplanted. MS.
Div4 Darwin Hybrid Large long-blooming weather-resistant ovoid flowers on tall stems. MS-LS.
Div5 Single Late Cup- or goblet-shaped flowers, includes Mayflowering, Cottage, Breeder and Darwin tulips. Tall, in a wide range of colors. LS.
Div6 Lily-flowered Pointed reflexed petals and a slender "waist." Similar to the Ottoman tulips. LS.
Div7 Fringed A finely cut fringe on the petal edge. Also known as Crispa tulips. LS.
Div8 Viridiflora "Green Flower" tulips have a broad green flame up the outside of the petals. LS.
Div9 Rembrandt Broken colors; all modern cultivars also belong to another class based on their shape.
Div10 Parrot Feathered, curled, twisted petal edges. The bud is said to resemble a parrot's beak. MS-LS.
Div11 Double Late Fully doubled ruffled flowers, commonly called Peony tulips. 14-18", LS.
Div12 Kaufmanniana Low-growing, wide opening; perennialize well. Also called Waterlily tulips. VE-ES.
Div13 Fosteriana Large single flowers with long petals in rich vivid colors. Reasonably long-lived, good for forcing. Also called Emperor tulips ES.
Div14 Greigii Large blooms, short stems; perennialize well. Foliage is streaked or mottled burgundy. ES.
Div15 Species Wild types and their cultivars.

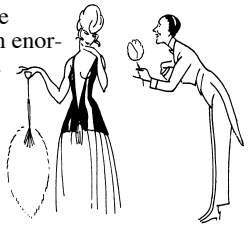
— Early Tulips —

'Apricot Beauty' - Soft apricot-pink tinged with rose and salmon on a relatively uncommon light green base. Fragrant, truly lovely, good for forcing, and one of the world's best-selling tulips. 14-16", Div1.

9011: 5 for $4.75 *9012: 10 for $8.00*
9013: 25 for $18.25 *9014: 100 for $65.00*

'Purple Prince' - Deep bluish-purple with dusky lilac flames, reddish-purple inside. Large flowers with a scalloped edge. Complex coloration mixes well with other flowers. 12-14", Div1.

9021: 5 for $3.00 *9022: 10 for $5.00*
9023: 25 for $11.25 *9024: 100 for $39.00*



'Red Emperor' - Huge blooms of fiery red with enormously long petals on a black and yellow base. One of the all-time favorites; also known as '**Madame Lefebre**'. Fosteriana type is great with narcissus. 12-16", Div13.

9031: 5 for $3.75 *9032: 10 for $6.25*
9033: 25 for $14.25 *9034: 100 for $49.00*

Planting Tulips

For some people, tulips are annuals to be removed and replaced yearly. Other gardeners feed the greens in spring, dig their tulips in early summer after the foliage has died back to brown, ripen the bulbs in a cool dry place, and replant in fall—admittedly a time-consuming process but it does increase the probability of blooms the next year.

You can also take simpler steps to encourage your tulips to come back. Choose a sunny location and plant the bulbs 8-10" deep (yes, that deep!) in well-drained soil, 3-4 weeks before the ground freezes. In boggy areas, bulbs may rot. If you encounter heavy subsoil, plant the bulbs 4-6" deep and build up a bed on top.

During spring growth, check the soil weekly if there is little to no rain, and water if the soil 1/2" below the surface is dry. Deadhead tulips to force the plant's energy back into the bulb. Don't cut or tie the foliage until it has begun to yellow. Overplant with annuals or perennials to keep the deeper soil, where the bulb is, on the dry side during the summer.

At the end of each description are USDA hardiness zones, approximate height at flowering time, relative bloom time (VE, very early spring; ES, early spring; MS, mid-spring; LS, late spring), and bulb size. ✦✦✦ indicates an exceptionally good deal.

— Mid-season Tulips —

'Bastogne' - Deep blood red, with cardinal red flames and a yellow base. Large flowers with light fragrance. 18-20", Div3.

9041: 5 for $3.25 *9042: 10 for $5.50*
9043: 25 for $12.50 *9044: 100 for $46.00*

'Passionale' - Lilac-purple with deeper purple flames, beetroot interior with a yellow base. 14-16", Div3.

9051: 5 for $3.50
9052: 10 for $5.75
9053: 25 for $13.50
9054: 100 for $47.00

'Prinses Irene' - Wonderfully complex rich salmony-orange petals are finely etched with a plum-violet flame. Fragrant. Popular for forcing. 12-14", Div3. ✦¢✦

9061: 5 for $2.95
9062: 10 for $4.90
9063: 25 for $11.25 *9064: 100 for $39.00*

'Rajka' - Like a bowl of Bing cherries. Stunning flower with maroonish-red pointed petals bordered in white. Opens wide in the sunshine to show its all-white interior which somehow is also translucent, revealing the deep red exterior. Closing up at night, this beauty will impress. 18-20", Div3.

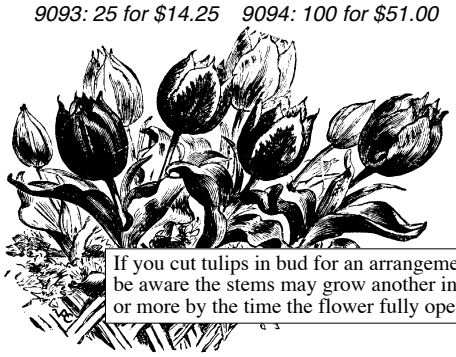
9071: 5 for $4.75 *9072: 10 for $8.00*
9073: 25 for $18.00 *9074: 100 for $65.00*

'Shirley' - Delicate marble-ivory with a fine purple edge that slowly widens into a broad lavender blush. Shows a different look each day. 18-20", Div3.

9081: 5 for $4.20 *9082: 10 for $7.00*
9083: 25 for $16.50 *9084: 100 for $58.00*

'Toronto' - Deep salmon pink tinged with red. Multifloral: partway up, the sturdy stem divides into 3-5 stems each bearing flowers. Gorgeous color. Long-lived Greigii tulip has attractive foliage mottled with burgundy. Also forces well. 12-14", Div14.

9091: 5 for $3.75 *9092: 10 for $6.25*
9093: 25 for $14.25 *9094: 100 for $51.00*



If you cut tulips in bud for an arrangement, be aware the stems may grow another inch or more by the time the flower fully opens.

DARWIN HYBRIDS

Often sold as "Perennial Tulips" because they can last many years—or even decades—longer than many other tall hybrid tulips. Large long-blooming weather-resistant flowers. Div4.

'Daydream' - Opens yellow, matures to rich apricot, with touches of yellow and rose. Fragrant. Stunning, says Gene. 20-28".

9101: 5 for $3.65 *9102: 10 for $6.10*
9103: 25 for $13.60 *9104: 100 for $47.00*

'Golden Parade' - Big bold golden-yellow flowers, occasionally touched with red at the petal's rim. Pair it with 'Oxford' for the quintessential tulip combination. 20-28".

9111: 5 for $3.20 *9112: 10 for $5.25*
9113: 25 for $12.00 *9114: 100 for $42.00*

'Gudoshnik' - Creamy yellow with varying and growing amounts of red streaks, dapples and flames as each flower matures. No two are alike; one of Gene's favorites and he has the artist's eye. Impressive en masse or solo up close in the vase. 20-28".

9121: 5 for $4.30 *9122: 10 for $7.25*
9123: 25 for $16.50 *9124: 100 for $58.00*

'Ollioules' - Pinky cream flowers are heavily brushed with silvery pink and lavender. Edges mature to a silvery white. Wonderfully elegant. Ollioules (pronounced *ole-yule*) is a town at the center of the French flower industry. 20-28".

9131: 5 for $3.75 *9132: 10 for $6.25*
9133: 25 for $14.00 *9134: 100 for $45.00*

'Oxford' - Bright scarlet blooms with a purple-red blush on the outside. Rich mustard-yellow base sets off the black stamens. 20-28". ✦¢✦ **BACK!**

9141: 5 for $2.90 *9142: 10 for $4.85*
9143: 25 for $10.90 *9144: 100 for $38.00*

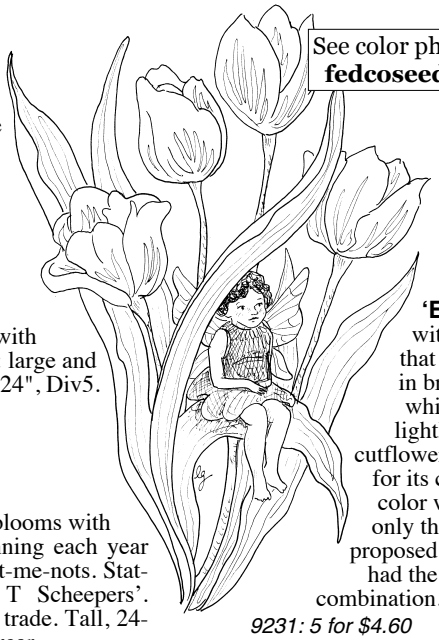
'Pink Impression' - Deep rose exterior with deep pink veins, light pink flames, and delicate pink edges; inside light pink and pale rose. Taller and larger than most, with lots of subtle gradations, and quite gorgeous. 24-32". Jumbo bulbs at 14cm/up.

9151: 5 for $4.00 *9152: 10 for $6.60*
9153: 25 for $14.75 *9154: 100 for $52.00*

— Late Tulips —

See color photos and order online
fedcoseeds.com/bulbs.htm

Discounts on orders received by August 15, 2014: **take 5% off at $100,** 10% off at $300, 12% off at $600, 15% off at $1000.



'Bleu Aimable' - We're not kind of blue about offering this beauty. Bowl-shaped flower is lilac-purple with with blue-and-white base deep inside. 18-22", Div5. **BACK!**

9161: 5 for $4.75
9162: 10 for $7.90
9163: 25 for $18.00
9164: 100 for $66.00

'Kingsblood' - Dark cherry-red with scarlet edges. One of the best reds: large and long lasting with sturdy stems. 20-24", Div5.

9171: 5 for $3.10
9172: 10 for $5.20
9173: 25 for $11.75
9174: 100 for $41.00

'Maureen' - Long marble-white blooms with pastel yellow undertones are stunning each year standing tall over our bed of forget-me-nots. Statuesque seedling of 'Mrs John T Scheepers'. Important variety in the cutflower trade. Tall, 24-28", Div5. Jumbo 14/+ bulbs this year.

9181: 5 for $4.60 *9182: 10 for $7.65*
9183: 25 for $17.25 *9184: 100 for $62.00*

'Menton' - A medium pink with hints of violet and a subtle but distinctive apricot edge. Salmon on the inside with a yellow base. A sport of 'Renown'. Stands tall at 24-28", Div5.

9191: 5 for $3.65 *9192: 10 for $6.10*
9193: 25 for $13.60 *9194: 100 for $47.00*

'Mrs John T Scheepers' - What many consider the best yellow tulip ever developed. Rich luminous color with perfect form gives the wife of "the Tulip King" immortality. Won its first of many awards in 1930, and stands head and shoulders above all its neighbors. 24-26", Div5.

9201: 5 for $4.25 *9202: 10 for $7.25*
9203: 25 for $16.00 *9204: 100 for $58.00*

'Queen of Night' - Called black, but really deep dark velvety purple-maroon with a hint of concord grape. For decades, the standard "black" in the Single Late group. 26-30", Div5.

9211: 5 for $2.95 *9212: 10 for $4.90*
9213: 25 for $11.25 *9214: 100 for $39.00*

'Rococo' - Carmine-red Parrot tulip with ruffled petal borders. Central ribs warmly splashed in shades of green and plum. Very showy. Bred from 'Coleur Cardinal' and quite sumptious to behold. Large blooms need room and wind protection. Wonderful cutflowers that really fill up the vase. 12-14", Div10.

9221: 5 for $4.20 *9222: 10 for $7.00*
9223: 25 for $16.25 *9224: 100 for $57.00*

All Garden Tulips we offer are Topsize (12cm/up) or Jumbo bulbs.
See p. 35 for Tulip Division descriptions.

'Esperanto' - Red petals with flaming green midribs that appear almost chocolate in bright light. Leaves edged white, the green flames also lightly touched. Long-lasting cutflower is especially rewarding for its complexity and dramatic color when studied up close. If only the human-made language proposed to bring people together had the success of this beautiful combination. 12-14", Div8.

9231: 5 for $4.60 *9232: 10 for $7.65*
9233: 25 for $18.00 *9234: 100 for $66.00*

'Virichic' - Very chic, indeed. Pink petals with a broad midrib flame of lime green. Translucent petals can appear soft pink on overcast days, and approach hot pink on a sunny day. Viridiflora tulip is beautiful and long-lasting in garden or bouquet. 18-22", Div8.

9241: 5 for $4.50
9242: 10 for $7.50
9243: 25 for $17.00
9244: 100 for $61.00

'Ballerina' - Shimmering long-lasting tangerine Lily-flowered blooms subtly tinged with crimson and lemon. Incredibly lovely, with elegant reflexed petals, a slender waist, and tall thin sturdy stems. Sweet scent perks up around dusk. 18-22", Div6.

9251: 5 for $4.00 *9252: 10 for $6.60*
9253: 25 for $14.90 *9254: 100 for $52.00*

'Purple Dream' - Solid purple graces this lovely Lily-flowered tulip. Reflexed pointed petals have a glistening sheen in sun or rain. White base peeks out. Slender and graceful in the garden or vase. Shaped like the tulips in the art of the 18th-c. Ottoman court. 22-24", Div6. **NEW!**

9261: 5 for $4.25 *9262: 10 for $7.10*
9263: 25 for $16.00 *9264: 100 for $58.00*

Late Tulips continued next page.

Discounts on orders we receive by August 15, 2014: **take 5% off at $100,** 10% off at $300, 12% off at $600, 15% off at $1000.

'Angelique' - Shades of pastel pink and pale rose with lighter edges suffuse this Double. This well-known fragrant and delicate beauty is our best-selling peony-flowered tulip. A very popular garden tulip, it is also good for forcing. 14-18", Div11. ✦¢✦

9271: 5 for $3.60 9272: 10 for $6.00
9273: 25 for $13.75 9274: 100 for $50.00

'Mount Tacoma' - Pure white. One of the fullest Doubles and a great complement to just about anything, whether in beds, borders or vases. Double peony tulips were very fashionable in the mid-17th century, considered too flamboyant in the mid 20th, and now are enjoying a renewed popularity. 14-18", Div11.

9281: 5 for $4.20 9282: 10 for $7.00
9283: 25 for $16.25 9284: 100 for $57.00

'Orange Angelique' - As popular worldwide as 'Angelique' is, as popular as orange is with the Dutch, you had to know this pastel orange peony-flowered twin would be arriving. Pastel shades of apricot, peach and yellow that become deeper towards the center make this Double as enticing as it is angelic. 16-18", Div11. **NEW!**

9291: 5 for $4.50 9292: 10 for $7.50
9293: 25 for $17.00 9294: 100 for $62.00

'Purple Peony' - Saturated royal purple all the way through all petals inside and out. Rich full Double makes for a wonderful contrast when planted with white 'Mount Tacoma' or pastel pink 'Angelique'. 16-18", Div11. **NEW!**

9301: 5 for $3.90 9302: 10 for $6.50
9303: 25 for $14.75 9304: 100 for $55.00

Garden Tulip Mixes

All mixes contain Topsize bulbs, 12cm/up.

Color Parade - A multi-colored gaggle of showy shorties strut their stuff early in the season. Kaufmanniana and Greigii tulips produce large low-growing flowers that open wide in the sun, and perennialize well. Pink, red and yellow, both solids and bicolors, singles and multiflorals, some with burgundy-streaked foliage. Reliable exuberant color. 8-12", ES-MS, Divs12&14.

9311: 10 for $7.20 9312: 20 for $12.35
9313: 50 for $30.75 9314: 100 for $54.00

Double Early Mix - A sassy group of four or more Double Early tulips for the front row of your garden beds and borders. Fully double flowers in bright colors on short but sturdy stems which stand up well in heavy spring rains. 10-14", ES-MS, Div2. ✦¢✦

9321: 10 for $7.20 9322: 20 for $12.35
9323: 50 for $30.75 9324: 100 for $53.00

Emperor Mix - A royal mix of Fosterianas for big, bold, early color. We planted some outside the Fedco Trees warehouse in 2011, and this mix has garnered rave reviews each year in late April. 12-16", ES, Div13.

9331: 10 for $6.90 9332: 20 for $11.75
9333: 50 for $27.00 9334: 100 for $48.00

Non-Stop Reds Tulip Mix - Celebrate spring with a long-lasting patch of bright red color. A blend of five or more varieties selected from early, mid and late tulips. Keep that spring fire burning for weeks, come rain or shine. 12-24".

9341: 10 for $7.10 9342: 20 for $12.10
9343: 50 for $28.00 9344: 100 for $53.00

Bloody Flamin' Triumph Mix - It's a Bloody Flamin' Triumph, matey. A mix of Triumph tulips in bold colorful splashes of red, white, purple and plum, all with contrasting purple or red flames. Enough tulip color to make a ma'am or mister go blushin'! 14-18", MS, Div3. **NEW!**

9351: 10 for $6.10 9352: 20 for $10.25
9353: 50 for $24.50 9354: 100 for $43.00

Pastel Triumph Mix - Soft but not wishy-washy, just easy on the eyes with no sharp edges. This tranquil blend displays quiet beauty in the neighborhood. 18-20", MS, Div3. Topsize bulbs.

9361: 10 for $6.00 9362: 20 for $10.00
9363: 50 for $23.00 9364: 100 for $42.00

Shock the Neighbors - Our vibrant purple and orange combination will wake up your neighbors who plant only red and yellow tulips. Huge 'Orange Emperor' and purple-flamed 'Purple Prince' are followed by 'Prinses Irene' rich salmon with violet flames. Overplant with 'Jolly Joker' pansies for maximum effect. Our formula mix of topsize bulbs. 14-18", ES-MS.

9371: 10 for $6.10 9372: 20 for $10.25
9373: 50 for $24.50 9374: 100 for $43.00

Multifloral Tulip Mix - Multiple flowers per stem means filling the vase fast! Add many colors and blooms to your gardens and vases with this bunch-flowering mix that includes bicolor yellow and red, all-red, hot pink, rose pink and all-yellow. Mostly Triumph and Single Late. 16-20", MS-LS.

9381: 10 for $7.30 9382: 20 for $12.50
9383: 50 for $27.50 9384: 100 for $50.00

Darwin Hybrid mix - A mix of yellow, red, apricot, white, pink and more. Long-lived bulbs produce a long-lasting perennially perfect bouquet. 20-28", MS-LS, Div4.

Jumbo **Darwin Hybrid mix** 14cm/up.

9391: 5 for $3.80 9392: 10 for $6.30
9393: 25 for $14.20 9394: 100 for $47.00

Topsize **Darwin Hybrid mix** 12cm/up.

9401: 10 for $5.25 9402: 20 for $9.00
9403: 50 for $20.50 9404: 200 for $73.00

Princess Family Tulip Mix - All the members of this family have a rich plum-violet rib flame. Includes 'Prinses Irene' (a delicious salmon-orange Triumph) and members of her royal family: her father 'Coleur Cardinal' (a deep crimson Triumph); her daughter 'Orange Princess' (a nasturtium-orange Double Late); and her sister 'Rococo' (a rich red Parrot), all displaying flames and feathers of plum. Diana is particularly fond of this mix and describes it as rich, voluptuous and earthy. 12-14", MS-LS.

9411: 10 for $7.25 9412: 20 for $12.15
9413: 50 for $27.25 9414: 100 for $49.00

Parrot Tulip Mix - Riotous mix of colors that could match the squawk of the parrot flock on Telegraph Hill. Red, white, yellow, magenta, pink, deep rose and even flames of green. Solids and bicolors in the flamboyant parrot form. Large heavy blooms need wind protection. 18-22", LS, Div10. **NEW!**

9421: 5 for $4.30 9422: 10 for $7.20
9423: 25 for $16.25 9424: 100 for $59.00

HooHaa Blend - As in "Whoa! Look at that!" Deep colors that glow in the garden or vase: 'Renown' (carmine-red) and 'Greuze' (deep purple) with a touch of 'Queen of Night' (purple-black). Astounding colors in our formula mix of topsize Single Late tulips. 22-26", LS, Div5.

9431: 10 for $8.00 9432: 20 for $13.50
9433: 50 for $30.50 9434: 100 for $54.00

Rembrandt-type Flaming Tulip Mix - Broken-color and flamed tulips, originally the result of a virus, were wildly popular in the early 1600s. Propagating infected plants is now stringently restricted in Holland, but breeders have created varieties resembling those depicted in paintings by the Dutch masters. A mix of white, cream and yellow Single Late varieties, broken and flamed with shades of red and purple. 18-28", LS, Div5. ✦¢✦

9441: 10 for $8.25 9442: 20 for $13.75
9443: 50 for $31.00 9444: 100 for $56.00

Fringed Tulip Mix - A mix of shades from pastel to medium-bright. Harmonious colors—pink, yellow, rose, white, soft red, peach and lilac—in a long-lasting bouquet of exotic fringed tulips. Plant near a doorstep or walkway to get the full effect of the finely fringed edges of these "Crispa" tulips. 18-24", LS, Div7. **NEW!**

9451: 5 for $4.10 9452: 10 for $6.85
9453: 25 for $15.30 9454: 100 for $55.00

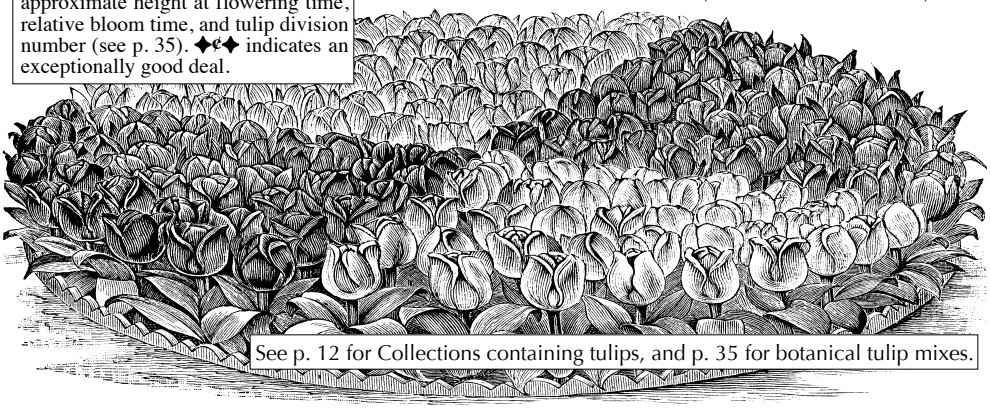
Lily-Flowering Mix - High-waisted flowers with pointed and reflexed petals have an appealing elegance. Warm tones including red, orange, burgundy, and pink, for an eye-catching effect. 18-24", LS, Div6.

9461: 5 for $3.90 9462: 10 for $6.50
9463: 25 for $14.60 9464: 100 for $51.00

Peony Double Mix - Packs petal power in a dramatic range of colors, from white and pastels to red and purple. Double Late tulips in solids, bicolors, blushes, brushes and flames for your cutting garden and vase. 6-8 varieties. 14-18", LS, Div11.

9471: 10 for $8.00 9472: 20 for $13.50
9473: 50 for $29.50 9474: 100 for $54.00

At the end of each description are approximate height at flowering time, relative bloom time, and tulip division number (see p. 35). ✦¢✦ indicates an exceptionally good deal.



See p. 12 for Collections containing tulips, and p. 35 for botanical tulip mixes.

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